JAN 0 8 1998

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

DRE-9J

Margaret M. Mucha
Director of Quality Assurance-Regulatory Affairs
Cambridge Chemical, Inc.
N115 W19392 Edison Drive
P.O. Box 67
Germantown, WI 53022

Re: Letter of Acknowledgement
Cambridge Chemical, Inc.
WID 981 189 616

Dear Ms. Mucha:

On September 22, 1997, the United States Environmental Protection Agency (U.S. EPA) issued Cambridge Chemical, Inc. a Notice of Violation (NOV) which identified violations of 40 Code of Federal Regulations (CFR) 265.1087(b)(1)(i) and 40 CFR 265.1089(e). On October 15, 1997, U.S. EPA received your response to that NOV. This letter is to inform you that U.S. EPA has reviewed your response and determined that additional enforcement action need not be taken at this time.

This position does not limit your liability for compliance with all the applicable provisions of the Resource Conservation and Recovery Act, as amended. Your hazardous waste management operations will continue to be evaluated by U.S. EPA and the Wisconsin Department of Natural Resources in the future.

If you have any questions and/or concerns regarding this matter, please contact Walt Francis of my staff at (312) 353-4921.

Sincerely yours,

Paul Little, Chief
Michigan/Wisconsin Section
Enforcement and Compliance Assurance Branch

cc: Tim Kennedy, WDNR-Milwaukee

OFFICIAL FILE COPY

ENFORCEMENT AND COMPLIANCE ASSURANCE BRANCH

SECRETARY	SECRETARY	SECRETARY	SECRETARY	SECRETARY	SECRETARY
AUTHOR/ TYPIST W.F. 1/8/98	MINN/OHIO SECTION CHIEF —	MICHIGAN/ WISCONSIN SECTION CHIEF 1.8.98	ILLINOIS/ INDIANA SECTION CHIEF —	ECAB BRANCH CHIEF —	WPTD DIVISION DIRECTOR —

Rec. 10-15-97

CAMBRIDGE

CAMBRIDGE CHEMICAL, INC.
15 W19392 Edison Drive
P.O. Box 67
Germantown, WI 53022

Tel. 414-251-5044 • Fax 414-251-5577

October 14, 1997

Mr. Paul Little
Chief Michigan/Wisconsin Section
Enforcement and Compliance Assurance Branch
Environmental Protection Agency, Region 5
77 West Jackson Boulevard
Chicago, IL 60604-3590
Attention: DRE-9J

Dear Mr. Little:

This letter is in response to the Notice of Violation dated 9/22/97 for Cambridge Chemical, Inc. WID 981 189 616.

In response to item 1, 40 CFR Section 265.1087(b)(1)(i), we have installed a Universal Funnel (without spout) with a hinged lid and vapor lock on each of our two waste stream drums (see Attachment 1). Our staff has been trained on the proper use of these funnels during the training session on October 8, 1997.

In response to item 2, we have instituted a weekly inspection program for our waste barrels. The inspection includes space for checking proper labels, material weight, storage date, leakage or ballooning, corrosion, sufficient aisle space, and corrective action taken/person notified (see Attachment 2). The staff responsible for this inspection has been appropriately trained (see Attachment 3).

We have also conducted a training session with our entire staff on Hazard Communication which included hazardous waste management (see Attachment 3).

If there are any further concerns or questions regarding our response to this Notice, feel free to contact me at 414-251-5044.

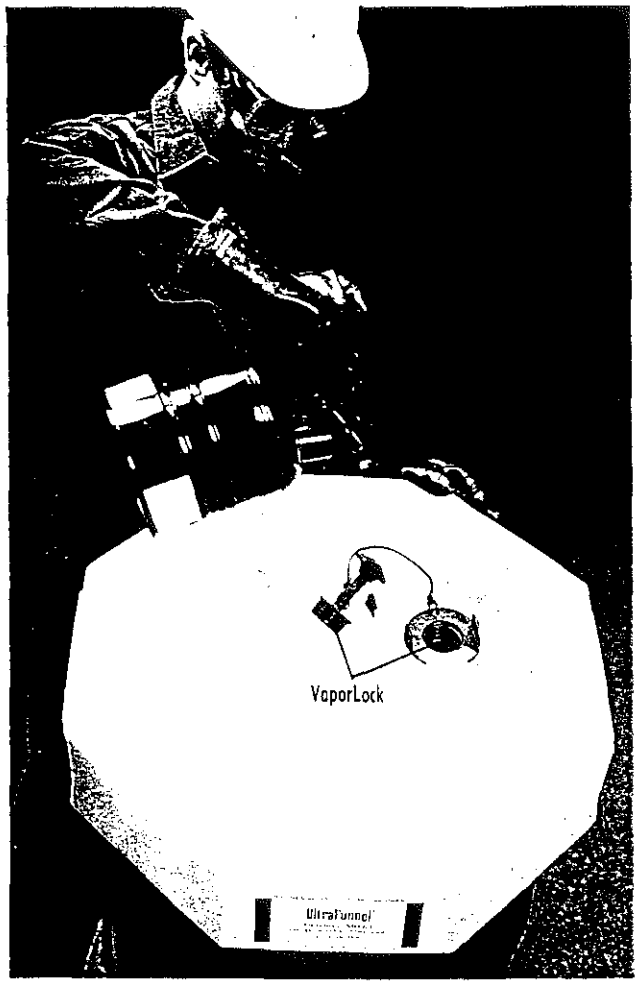
Sincerely,

Margaret M. Mucha

Margaret M. Mucha
Director of Quality Assurance- Regulatory Affairs

Attachments:
1. Drum Funnel
2. Inspection Log
3. Training Records

cc: I. Ferosie
file EPALTR.DOC



UltraTech Drum Funnels

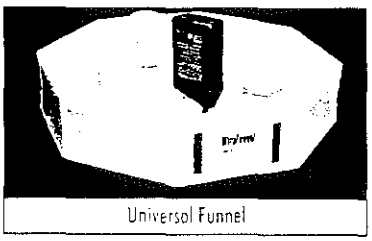
Zig-Zag Channeled Surface Diffuses Splashing

Unique octagon-shaped design covers the entire drum head, keeping drum tops free of contamination and eliminating spillovers commonly associated with smaller funnels. Universal Funnels fit both closed-head and open-head 55- and 30-gallon drums. Bung Access fits closed-head only.

Specifications: All polyethylene construction resists most chemicals. Level surface allows filters, paint cans, buckets to remain upright while draining passively. Elevated surface keeps containers from resting in their own drainage. 6-gallon capacity. *Universal Funnels* cover the entire top of drum. *Bung-Access Funnels* allow the use of a fill gauge so you don't overfill. *Funnels w/o Spouts* can be used with *Brass Fill Vent* for use with flammables, or *VaporLock*™ to minimize evaporation of VOCs. *Hinged Lid Funnels* come with a cover hinged directly to the funnel body. Choose *Snap-On Lid* for all other funnels. *Brass Fill Vent* has a 6" flame arrestor and fits any 2" NPT bung opening. Automatically vents at 5 PSI. *VaporLock*™ system comes with a 31½" fill tube, which allows liquid to be added below liquid level to reduce splash, and a bushing-to-close fill tube. *Fill Gauge*, made of high-density polyethylene, pops up when drum is nearly full. Fits into ¾" NPT bung opening.

Compliance: Brass Fill Vent is FM approved.

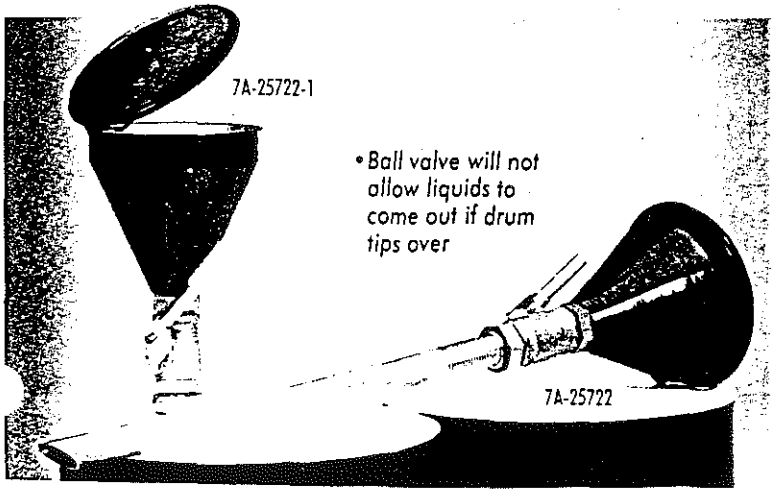
No.	Description	Each 1	Each 4
7A-29930	Universal Funnel w/ Spout	35.00	31.50
7A-29931	Universal Funnel w/o Spout	29.70	27.05
7A-29934	Snap-On Cover for Universal Funnel	16.70	15.05
7A-29932	Universal Funnel w/ Spout w/ Hinged Lid	73.25	65.95
7A-29933	Universal Funnel w/o Spout w/ Hinged Lid	71.95	64.75
7A-29935	Bung-Access Funnel w/ Spout	36.20	32.65
7A-29936	Bung-Access Funnel w/o Spout	34.05	31.00
7A-29939	Snap-On Cover for Bung-Access Funnel	16.70	15.05
7A-29937	Bung-Access Funnel w/ Spout w/ Hinged Lid	75.50	68.00
7A-29938	Bung-Access Funnel w/o Spout w/ Hinged Lid	73.10	65.80
7A-1621	Brass Fill Vent	94.15	–
7A-25721-1	VaporLock	52.10	–
7A-4714	Fill Gauge (works with Bung Access Funnel only)	9.00	–


Universal Funnel


Bung-Access Funnel w/o Spout w/Brass Fill Vent


Universal Funnel w/o Spout w/Hinged Lid and VaporLock


Universal Funnel and Snap-On Cover



Protectoseal® Funnel with Ball Valve

Helps Prevent Spills, Splashes, Vapor Emissions

Contains a positive self-closing check valve for unidirectional pouring. Even if the drum is tipped over, the valve prevents contents from spilling out.

Specifications: Heavy-duty terne-and-brass construction. with a 10½" dia. bowl for quick filling. Use with flammables, non-flammables, even heavy viscous liquids. Hinged cover contains a fusible link that melts at 160°F. snapping cover quickly shut in case of fire. Brass flame arrestor tube in 30" or 6" length offers protection from other ignition sources for any size drum. 22 lbs.

No.	Description	Each
7A-25722	Funnel with 30" Tube	401.20
7A-25722-1	Funnel with 6" Tube	382.10

Attachment 2

Cambridge Chemical, Inc.

INSPECTION LOG-
Waste Barrel Storage

Date	Time	Initials	Proper Labels/ Material Wt/ Storage Date (Y/N)	Leakage or Ballooning (Y/N)	Corrosion/ Sufficient Aisle Space (Y/N)	Corrective action taken/ person notified
			/ /		/	
			/ /		/	
			/ /		/	
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Return completed forms to Regulatory Control
ILOGWAST.DOC

Attachment 3

CAMBRIDGE CHEMICAL, INC.

EMPLOYEE TRAINING RECORD

Topic: **SOP 4.2 Equipment Identification and Maintenance**
SOP 3.2 Total Sanitation Program and Hazard Communication Training
Trainer:
Margaret M. Mucha Date: 10/8/97

	Name (Signature)	Name (Print)	Department
1		GLENA. PETERSON	MANUFACTURING
2		Jason Bruso	Manufacturing
3	John N. Zobel	John N. Zobel	Manufacturing
4		Brian Renzelmann	Manufacturing
5		T. Timothy S Coburn	Manufacturing
6		Louis Kimball	Maintenance
7	S. Hughes	Sandra Hughes	QC
8		DAVID O BRADOVICH	MANUFACTURING
9		YEFIM GELMAN	Manufacturing
10		BAOJU LI	Manufacturing
11		RON HENNIS	QC
12	M W. Major	M.W. Major	

Attachment 3

Name(Signature)	Name (Print)	Department
13 David Furst	Daniel Furst	production
14 Paul H Gutsch	Paul Gutsch	Production
15 Lynn McClelland	Lynn McClelland	Admin.
16 Bob Boker	BOB BOKER	MAIN.
17		
18		
19		
20		

Quality Assurance:	Date:
Margaret Mucha	10/8/57

gmp

Attachment 3

CAMBRIDGE CHEMICAL, INC.

EMPLOYEE TRAINING RECORD

Topic:	Hazardous Waste Drum Inspection
Trainer:	Paul Gutsch
Date:	Oct. 14, 1997

	Name (Signature)	Name (Print)	Department
1	Bob Baker	BOB BAKER	MAIN.
2	Lori Kimball	Lori S Kimball	(MAIN.)
3			
4			
5			
6			
7			
8			
9			

Quality Assurance:	Date:
Margaret Mucha	10/14/97

gmp

SEP 22 1997

DRE-9J

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

Paul A. Gutsch
Senior Vice President
Cambridge Chemical, Inc.
N115W19392 Edison Drive
P.O. Box 67
Germantown, WI 53022

Re: Notice of Violation
Cambridge Chemical, Inc.
WID 981 189 616

Dear Mr. Gutsch:

On August 20, 1997, your installation located in Germantown, Wisconsin was inspected by United States Environmental Protection Agency (U.S. EPA) and Wisconsin Department of Natural Resources (WDNR) representatives. The purpose of the inspection was to evaluate compliance with certain requirements of the Resource Conservation and Recovery Act (RCRA); specifically, those regulations related to the generation, treatment and storage of hazardous waste. A copy of the U.S. EPA 40 CFR 265 Subpart CC (Air Emission Standards for Containers) inspection checklist is enclosed for your reference.

Based on information provided by Cambridge Chemical personnel, review of records, and physical observations by the inspector(s) at the time of the investigation, it was determined that your installation is engaged in the management of hazardous waste. It was also determined that Cambridge Chemical has violated the following requirements:

1. 40 CFR Section 265.1087(b)(1)(i), requires that a container that is equipped with a cover which operates with no detectable organic emissions when all container openings (e.g., lids, bungs, hatches, and sampling ports) are secured in a closed, sealed position. During the inspection of the drum storage area, two 55 gallon containers were observed with open bungs;

2. 40 CFR Section 265.1089(e), requires that the owner or operator develop and implement a written plan and schedule to

perform all inspection and monitoring requirements of this section. The owner or operator shall incorporate this plan and schedule into the facility inspection plan required by 40 CFR 265.15.

Pursuant to Section 3008(a) of RCRA, U.S. EPA may issue an order assessing a civil penalty for any past or current violation requiring compliance immediately or within a specified time period. Although this letter is not such an order, you are hereby requested to submit a response in writing to this office no later than thirty (30) days after receipt of this letter documenting the actions, if any, which have been taken since the inspection to establish compliance with the above requirements.

If you have any questions and/or concerns regarding this matter, please contact Walt Francis of my staff at (312) 353-4921.

Sincerely yours,

Paul Little, Chief
Michigan/Wisconsin Section
Enforcement and Compliance Assurance Branch

Enclosure

cc: Tim Kennedy, WDNR-Milwaukee

OFFICIAL FILE COPY

ENFORCEMENT AND COMPLIANCE ASSURANCE BRANCH

SECRETARY	SECRETARY	SECRETARY	SECRETARY	SECRETARY	SECRETARY
AUTHOR/ TYPIST	MINN/OHIO SECTION CHIEF	MICHIGAN/ WISCONSIN SECTION CHIEF	ILLINOIS/ INDIANA SECTION CHIEF	ECAB BRANCH CHIEF	WPTD DIVISION DIRECTOR
W.F. 9/22/97		9-22-97			

INSPECTION CHECKLIST FOR RCRA WASTE OPERATIONS

1. Name of corporation, company, or individual owner:

Cambridge Chemical, Inc.

2. Mailing Address:

N115W19392 Edison Drive
P.O. Box 67
Germantown, WI 53022

3. Facility Address:

4. Source Info (ID Number, date of permit, permit expiration, etc.):

WID 981 189 616

5. Name and Title of Contact:

Paul A. Gutsch, Senior Vice President

6. Telephone Number:

(414) 251-5044

7. Date of Inspection, Time of Day, Weather Conditions:

8/20/97, 9:00 am

8. Name and title of Government Official Conducting Inspection:

Walt Francis - U.S. EPA, Tim Kennedy - WDNR

9. Pre-inspection interview:

VISUAL INSPECTION CHECKLIST FOR CONTAINERS [§265.1087]

	Equipment	Visual Inspection Procedures	Field Observations
1.	General	What is the design capacity if the container	55 GAL
		Is the hazardous waste managed in the container a "light material" as defined in the rule (265.1081)?	?
		Is the container used for a waste stabilization process?	NO
		Is the container required to meet Container Level 1, 2, or 3 standards?	Level 1
		Does the container meet applicable U.S. Department of Transportation Regulations?	YES
		Do the containers exhibit any signs of corrosion?	YES
		Is there a pressure gauge? What is the pressure reading?	NO
2.	Level 1	If Level 1, what Level 1 alternative does the container meet: • DOT • Cover and closure device • Organic vapor-suppressing barrier	DOT
3.	Level 2	If Level 2, what Level 2 alternative does the container meet: • DOT • No detectable emissions • Vapor tight	

VISUAL INSPECTION CHECKLIST FOR CONTAINERS [§265.1087]

	Equipment	Visual Inspection Procedures	Field Observations
4.	Level 3	If Level 3, what Level 3 alternative does the container meet: • Enclosure vented to control device • Vented directly to control device Is the enclosure designed/operated to meet criteria for a permanent total enclosure (40 CFR 52.741)	
	Treatment of Containerized Waste (waste stabilization)	Confirm that opening container for treatment purposes is performed under a cover or enclosure equipped with a closed vent system routing all vented container vapors to a control device, or the container itself is venter directly through a closed vent system to a control device.	
5.	Cover, Lids and Openings	Observe that the container covers and all openings including bungs, hatches and sampling ports are closed.	2 open bungs sampling port - flame 1 open bung
6.	Seals, Gaskets and Latches	Observe that each opening on the container is sealed in the closed position with a gasket and latch except during waste loading, removal, inspection or sampling.	1 open bung

RECORDS INSPECTION CHECKLIST FOR CONTAINERS

	Equipment	Record Inspection Procedures	Obervations
1.	Record-keeping Requirements	Locate and obtain records. Check records for completeness.	
		Check visual inspection records for container covers and openings for container requiring inspections.	no Inspection record
		For identified defects (broken seal, gasket or other problem), was method and date of repair recorded?	
		Was repair effort attempted as soon as practical but not more than 15 calendar days after detection? If repair was delayed, was it justified?	
		For Level containers >0.46 m^3 (119 gallons) and NOT in light material service, check records for light material service determinations	N/A
2.	Leak Detection Inspection	Check records of any leak detection inspection (Method 21) for covers and openings including bungs, hatches, and sampling ports that the owner/operator may have conducted for Level 2 containers. Was emission level and inspection date recorded?	no record
		Check records of any Method 27 tests conducted for Level 2 containers. Were tests conducted within past 12 months	

RECORDS INSPECTION CHECKLIST FOR CONTAINERS

Equipment	Record Inspection Procedures	Obervations
a.Covers and All Openings	Do records show visual leak inspections performed within 24 hours of receipt and thereafter at least once per year? For identified leaks, was repair attempted as soon as practical but no later than 15 calendar days after detection? If repair was delayed, was it justified?	NO records
b.Closed Vent System or Treatment Covers	Check records to confirm if closed vent system including all openings, door hatches, ductwork, and connections operated with no detectable emissions (i.e., less than 500 ppmv above background). Records should indicate initial and annual leak detection testing results. For identified leaks (above 500 ppmv above background), was repair attempted as soon as practical but not later than 45 calendar days after detection? If repair was delayed, was it justified?	
c.Control devices	Check records to confirm the control device destroys or recovers vented emissions to performance levels required by Subpart CC, e.g.,by 95 weight percent or greater. Determine through examination of records that the control device was operational during period when receiving container vented emissions for those containers that must meet Level 3 controls.	

RECORDS INSPECTION CHECKLIST FOR CONTAINERS

Equipment	Record Inspection Procedures	Obervations
d.Enclosures	Check records of design documentation that enclosures used for Level 3 containers meet the criteria specified in 40 CFR 52.741, appendix B for permanent total enclosures.	

TSD File Inventory Index

Date: July 8, 2008

Initial: C M Herrera

Facility Name:	Cambridge Major Laboratories, Inc. (One Folder Site)
Facility Identification Number:	WID 981 189 616

A.1 General Correspondence		B.2 Permit Docket (B.1.2)	
A.2 Part A / Interim Status	Y	.1 Correspondence	
.1 Correspondence		.2 All Other Permitting Documents (Not Part of the ARA)	
.2 Notification and Acknowledgment	Y	C.1 Compliance - (Inspection Reports)	Y
.3 Part A Application and Amendments		C.2 Compliance/Enforcement	Y
.4 Financial Insurance (Sudden, Non Sudden)		.1 Land Disposal Restriction Notifications	
.5 Change Under Interim Status Requests		.2 Import/Export Notifications	
.6 Annual and Biennial Reports		C.3 FOIA Exemptions - Non-Releasable Documents	
A.3 Groundwater Monitoring		D.1 Corrective Action/Facility Assessment	
.1 Correspondence		.1 RFA Correspondence	
.2 Reports		.2 Background Reports, Supporting Docs and Studies	
A.4 Closure/Post Closure		.3 State Prelim. Investigation Memos	
.1 Correspondence		.4 RFA Reports	
.2 Closure/Post Closure Plans, Certificates, etc		D. 2 Corrective Action/Facility Investigation	
A.5 Ambient Air Monitoring		.1 RFI Correspondence	
.1 Correspondence		.2 RFI Workplan	
.2 Reports		.3 RFI Program Reports and Oversight	
B.1 Administrative Record		.4 RFI Draft /Final Report	
		5. RFI QAPP	

Total - 1

.6 RFI QAPP Correspondence		.8 Progress Reports	
.7 Lab Data, Soil-Sampling/Groundwater		D.5 Corrective Action/Enforcement	
.8 RFI Progress Reports		.1 Administrative Record 3008(h) Order	
.9 Interim Measures Correspondence		.2 Other Non-AR Documents	
.10 Interim Measures Workplan and Reports		D.6 Environmental Indicator Determinations	
D.3 Corrective Action/Remediation Study		.1 Forms/Checklists	
.1 CMS Correspondence		E. Boilers and Industrial Furnaces (BIF)	
.2 Interim Measures		.1 Correspondence	
.3 CMS Workplan		.2 Reports	
.4 CMS Draft/Final Report		F Imagery/Special Studies (Videos, photos, disks, maps, blueprints, drawings, and other special materials.)	
.5 Stabilization		G.1 Risk Assessment	
.6 CMS Progress Reports		.1 Human/Ecological Assessment	
.7 Lab Data, Soil-Sampling/Groundwater		.2 Compliance and Enforcement	
D.4 Corrective Action Remediation Implementation		.3 Enforcement Confidential	
.1 CMI Correspondence		.4 Ecological - Administrative Record	
.2 CMI Workplan		.5 Permitting	
.3 CMI Program Reports and Oversight		.6 Corrective Action Remediation Study	
.4 CMI Draft/Final Reports		.7 Corrective Action/Remediation Implementation	
.5 CMI QAPP		.8 Endangered Species Act	
.6 CMI QAPP Correspondence		.9 Environmental Justice	
1			

Note: Transmittal Letter to Be Included with Reports.
Comments: Re folder site.

A.2 Part A/Interim Status

5-100-01 -1310

9-1-93

Please print or type with ELITE type (12 characters per inch) in the unshaded areas only

Form Approved. OMB No. 2050-0028. Expires 9-30-92
GSA No. 0246-EPA-OT

Please refer to the *Instructions for Filing Notification* before completing this form. The information requested here is required by law (Section 3010 of the Resource Conservation and Recovery Act).

EPA Notification of Regulated Waste Activity

United States Environmental Protection Agency

RECEIVED
Date Received
(For Official Use Only)
NOV 30 1993
U.S. EPA, REGION V

I. Installation's EPA ID Number (Mark 'X' in the appropriate box)

[X] A. First Notification [ ] B. Subsequent Notification (complete item C)

C. Installation's EPA ID Number: WID 981189616

II. Name of Installation (Include company and specific site name)

Cambridge Chemical Inc.

III. Location of Installation (Physical address not P.O. Box or Route Number)

Street: N115 W19392 Edison Drive

Street (continued):

City or Town: Germantown | State: WI | ZIP Code: 53022

RECEIVED MAR 31 1994
WMD RCRA RECORD CENTER

County Code: | County Name: Washington

IV. Installation Mailing Address (See instructions)

Street or P.O. Box: SAME

City or Town: SAME | State: | ZIP Code: -

V. Installation Contact (Person to be contacted regarding waste activities at site)

Name (last): Gutsch | (first): Paul

Job Title: Product Manager | Phone Number (area code and number): 414-251-5044

VI. Installation Contact Address (See instructions)

A. Contact Address Location: [X] Mailing: [ ]

B. Street or P.O. Box:

City or Town: SAME | State: | ZIP Code: -

VII. Ownership (See instructions)

A. Name of Installation's Legal Owner:

Street, P.O. Box, or Route Number: SAME

RECEIVED
NOV 22 1993
IEP/WDLPO

City or Town: | State: | ZIP Code:

Phone Number (area code and number): - -

B. Land Type: P | C. Owner Type: P | D. Change of Owner Indicator: Yes [ ] No [ ] | (Date Changed) Month Day Year:

DEC 09 1993

Please print or type with ELITE type (12 characters per inch) in the unshaded areas only

Form Approved. OMB No. 2050-0028. Expires 9-30-92
GSA No. 0246-EPA-DT

I.D. – For Official Use Only

VIII. Type of Regulated Waste Activity (*Mark 'X' in the appropriate boxes. Refer to instructions.*)

A. Hazardous Waste Activity

1. Generator (See instructions)
   - [ ] a. Greater than 1000kg/mo (2,200 lbs.)
   - [X] b. 100 to 1000 kg/mo (220 – 2,200 lbs.)
   - [ ] c. Less than 100 kg/mo (220 lbs.)
2. Transporter (Indicate Mode in boxes 1–5 below)
   - [ ] a. For own waste only
   - [ ] b. For commercial purposes

   Mode of Transportation
   - [ ] 1. Air
   - [ ] 2. Rail
   - [ ] 3. Highway
   - [ ] 4. Water
   - [ ] 5. Other – specify
3. [ ] Treater, Storer, Disposer (at installation) Note: A permit is required for this activity; see instructions.
4. Hazardous Waste Fuel
   - [ ] a. Generator Marketing to Burner
   - [ ] b. Other Marketers
   - [ ] c. Boiler and/or Industrial Furnace
     - [ ] 1. Smelter Deferral
     - [ ] 2. Small Quantity Exemption

     Indicate Type of Combustion Device(s)
     - [ ] 1. Utility Boiler
     - [ ] 2. Industrial Boiler
     - [ ] 3. Industrial Furnace
5. [ ] Underground Injection Control

B. Used Oil Fuel Activities

1. Off-Specification Used Oil Fuel
   - [ ] a. Generator Marketing to Burner
   - [ ] b. Other Marketer
   - [ ] c. Burner – indicate device(s) – Type of Combustion Device
     - [ ] 1. Utility Boiler
     - [ ] 2. Industrial Boiler
     - [ ] 3. Industrial Furnace
2. [ ] Specification Used Oil Fuel Marketer (or On-site Burner) Who First Claims the Oil Meets the Specification

IX. Description of Regulated Wastes (*Use additional sheets if necessary*)

A. Characteristics of Nonlisted Hazardous Wastes. Mark 'X' in the boxes corresponding to the characteristics of nonlisted hazardous wastes your installation handles. *(See 40 CFR Parts 261.20 – 261.24)*

1. Ignitable (D001)	2. Corrosive (D002)	3. Reactive (D003)	4. Toxicity Characteristic (D000)	(List specific EPA hazardous waste number(s) for the Toxicity characteristic contaminant(s))
[X]	[ ]	[ ]	[ ]	F 0 0 1

B. Listed Hazardous Wastes. (See 40 CFR 261.31 – 33. See instructions if you need to list more than 12 waste codes.)

1	2	3	4	5	6
7	**8**	**9**	**10**	**11**	**12**

C. Other Wastes. (State or other wastes requiring a handler to have an I.D. number. See instructions.)

1	2	3	4	5	6

X. Certification

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Signature	Name and Official Title (type or print)	Date Signed
[signature]	Paul Gutsch Prod. Mgr	8/30/93

XI. Comments

Note: Mail completed form to the appropriate EPA Regional or State Office. (See Section III of the booklet for addresses.)

C.2 Compliance/Enforcement

LAND AND CHEMICALS DIVISION

Type of Document: NOTICE OF VIOLATION

Name of Document: NOVA-KEM, LLC (WID981189616)

	NAMES	DATE
AUTHOR: Brenda Whitney	Brenda Whitney	1-17-14
APA: Ceaye Cherrington	BC	1/22/14
SECTION CHIEF: Julie Morris	JM	1/21/14
BRANCH CHIEF: Gary Victorine	Gary Victorine	1/29/14
DIVISION APA:		
DIVISION DIRECTOR:		
OTHERS:		
DRA:		
RA:		

RETURN TO:

PHONE:

COMMENTS:

SENDER: *COMPLETE THIS SECTION*

- Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

Mr. Przemyslaw Sapeta
Nova-Chem, LLC.
N 115 W 19392 Edison Drive
Germantown, Wisconsin 53022

COMPLETE THIS SECTION ON DELIVERY

A. Signature
X ☐ Agent ☐ Addressee

B. Received by *(Printed Name)* | C. Date of Delivery

D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☐ No

3. Service Type
☐ Certified Mail ☐ Express Mail
☐ Registered ☐ Return Receipt for Merchandise
☐ Insured Mail ☐ C.O.D.

4. Restricted Delivery? *(Extra Fee)* ☐ Yes

2. Article Number
(Transfer from service label) 7009 1680 0000 7662 5746

PS Form 3811, February 2004 Domestic Return Receipt 102595-02-M-1540

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 5
77 WEST JACKSON BOULEVARD
CHICAGO, IL 60604-3590

JAN 3 0 2014

CERTIFIED MAIL 7009 1680 0000 7663 6339
RETURN RECEIPT REQUESTED

REPLY TO THE ATTENTION OF:

Mr. Przemyslaw Sapeta
Maintenance Technician
Nova-Kem, LLC
N115 W19392 Edison Drive
Germantown, Wisconsin 53022

Re: Notice of Violation
EPA ID No: WID981189616

Dear Mr. Sapeta:

On November 22, 2013, a representative of the U.S. Environmental Protection Agency inspected Nova-Kem, LLC ("Nova-Kem" or "Facility") located in Germantown, Wisconsin. The purpose of the inspection was to evaluate Nova-Kem's compliance with certain provisions of the Resource Conservation and Recovery Act (RCRA), 42 U.S.C. § 6901 *et seq.*--specifically, regulations related to the generation, treatment, and storage of hazardous waste. A copy of the inspection report is enclosed for your reference.

Based on information provided by Nova-Kem personnel during the inspection, EPA finds that Nova-Kem was operating a hazardous waste storage facility without a hazardous waste license. Nova-Kem was also in violation of certain additional requirements of the Wisconsin Administrative Code (WAC) and of the U.S. Code of Federal Regulations (CFR).

Nova-Kem does not qualify for the hazardous waste license exemption

Nova-Kem did not meet all of the conditions for a hazardous waste license exemption as outlined in WAC s. NR 662.192 [40 CFR §§ 262.34(c) and (d)]. Some of these conditions are also requirements of owners and operators of hazardous waste treatment, storage, and disposal facilities (TSDFs). The conditions with which Nova-Kem did not comply are as follows:

1. According to WAC s. NR 662.192(4)(a) [40 CFR § 262.34(c)(1)], a generator that complies with container management requirements in WAC ss. NR 665.0171, 665.0172, and 665.0173(1) [40 CFR §§ 265.171, 265.172, and 265.173(a)] and that marks its containers either with the words "Hazardous Waste" or with other words that identify the contents of the container, may accumulate as much as 55 gallons of hazardous waste in containers in satellite areas at or near any point of generation where wastes initially accumulate, which is under the control of the operator of the process generating the waste, without a license or interim status and without having to comply with WAC s. NR 662.034(1) [40 CFR § 262.34(a)]. Please note that WAC s. NR 665.0173(1) [40 CFR §

265.173(a)] states that a container holding hazardous waste must be closed during storage, except when it is necessary to add or remove waste. This container closure condition for a license exemption is also a requirement of owners and operators of TSDFs under WAC s. NR 665.0173(1) [40 CFR § 265.173(a)].

At the time of the inspection, Nova-Kem failed to comply with the above-mentioned conditions for a hazardous waste operating license exemption and violated the TSDF container closure requirement for the following containers in Lab 4:

- A 5-gallon container marked as "Hazardous Waste" was open in Hood E11.
- A 2-gallon container marked as "Hazardous Waste" was open in Hood E10.

Note: Mr. Sapeta of Nova-Kem stated in an email dated from 11/22/13, that the above violations had been corrected. No further action is requested for this violation.

2. In order to qualify for a hazardous waste operating license exemption, a small quantity generator of hazardous waste must conduct weekly inspections of the hazardous waste storage area. WAC s. NR 662.192(1)(b); 665.0174 [40 CFR §§ 262.34(d)(2); 265.174]. This condition is also a requirement of owners and operators of TSDFs under WAC s. NR 665.0174 [40 CFR § 265.174].

   At the time of the inspection, Mr. Sapeta stated that weekly inspections were not being conducted in the 180-day storage area. Therefore, Nova-Kem failed to comply with the above-mentioned condition for a hazardous waste operating license exemption and violated the TSDF container management requirement.

3. In order to qualify for a hazardous waste operating license exemption, a small quantity generator of hazardous waste must mark the date upon which each period of accumulation begins as well as the words "Hazardous Waste" on each storage container of hazardous waste. WAC s. NR 662.192(1)(d)1. and 2. [40 CFR §§ 262.34(d)(4); 262.34 (a)(2) and (3)].

   At the time of the inspection, Nova-Kem was storing one 55-gallon drum of contaminated personal protective equipment, rags, and other lab-generated wastes in the 180-day storage area. The container was not labeled with the words "Hazardous Waste." Also, two 5-gallon buckets of arsenic-contaminated wastes were stored in the 180-day storage area. These containers were not marked with start dates of accumulation. Nova-Kem, therefore, failed to comply with the above-mentioned conditions for a hazardous waste operating license exemption.

   Note: Mr. Sapeta of Nova-Kem stated in an email dated 11/22/13 that the above conditional failure had been corrected. No further action is requested for this item.

4. In order to qualify for a hazardous waste operating license exemption, a small quantity generator of hazardous waste must store hazardous waste for less than 180 days. WAC s. NR 662.192(1) [40 CFR § 262.34(d)].

At the time of the inspection, Nova-Kem marked one 55-gallon container of hazardous waste with a start date of accumulation from 5/24/13. According to email correspondence dated 11/27/13 from Nova-Kem, the waste was manifested off-site on 11/26/13 and was stored for a total of 187 days. Nova-Kem, therefore, failed to comply with the above-mentioned condition for a hazardous waste operating license exemption.

Note: Because the waste has been shipped off-site, no further action is requested for this item.

5. In order to qualify for a hazardous waste operating license exemption a small quantity generator of hazardous waste must post next to the telephone, among other things, the location of fire extinguishers and spill control material, and, if present, fire alarm. WAC s. NR 662.192(1)(e)2.b. [40 CFR § 262.34(d)(5)(ii)(B)].

   At the time of the inspection, the locations of the above-mentioned emergency equipment were not posted near the telephone. Nova-Kem, therefore, failed to comply with the above-mentioned condition for a hazardous waste operating license.

   Note: Mr. Sapeta of Nova-Kem stated in an email dated 11/27/13 that the above conditional failure had been corrected. No further action is requested for this item.

Nova-Kem operated a hazardous waste TSDF without an operating license

6. A small quantity generator accumulating hazardous waste on-site for greater than 180 days and who does not meet the conditions for a license exemption under WAC s. NR 662.192 [40 CFR § 262.34], as outlined in violations 1 through 5 above, is an operator of a hazardous waste storage facility and is required to obtain a Wisconsin hazardous waste storage license.

   Nova-Kem's failure to apply for and to obtain a Wisconsin hazardous waste storage license, as required by failing to meet exemption conditions described in the violations above, violated the licensing requirements of WAC ss. NR 670.001(3), 670.010(1), (4) and 670.013 [40 CFR §§ 270.1(c), 270.10(a), (d) and 270.13].

Nova-Kem violated universal waste requirements

7. Certain wastes may be managed under universal waste standards as an alternative to full regulation as hazardous wastes. Among other requirements, a small quantity handler of universal waste must manage used lamps according to the following:
   - Used lamps shall be managed in a manner that prevents breakage or the release of any universal waste components by containing unbroken lamps in structurally sound packaging that is compatible with the contents of the lamps and will prevent breakage during normal handling conditions. The packaging shall remain closed. See, WAC s. NR 673.13(4)(a) [40 CFR § 273.13(d)(1)]; and
   - Containers of universal waste lamps shall be marked with one of the following phrases: "Universal Waste – Lamp(s)," "Waste Lamp(s)," or "Used Lamps." See, WAC s. NR 673.14(5) [40 CFR § 273.14(e)].

At the time of the inspection, two containers of universal waste lamps were stored in an equipment storage area on the second floor. The containers were not closed or labeled. Nova-Kem, therefore, violated the above-mentioned universal waste requirements.

Note: Mr. Sapeta of Nova-Kem stated in an email dated 11/22/13 that this violation was corrected. No further action is requested for this violation.

EPA's request for Nova-Kem

At this time, EPA is not requiring Nova-Kem to apply for a hazardous waste license so long as it immediately establishes compliance with the condition for a license exemption as outlined in Item 2 above. Please note that Nova-Kem's compliance with the conditions described in this letter will not relieve it of its liability for each of the violations above. Under Section 3008(a) RCRA, 42 U.S.C. § 6928(a), EPA reserves the right to bring further enforcement actions, including an order for civil penalties, against Nova-Kem for the violations identified in this letter. Although this letter is not such an order, we request that you submit a response in writing to this office no later than 30 days after receipt of this letter documenting the actions, if any, which you have taken since the inspection to establish compliance with Item 2, above.

You should submit your response to Brenda Whitney, United States Environmental Protection Agency, Region 5, 77 West Jackson Boulevard, LR-8J, Chicago, Illinois 60604. If you have any questions regarding this letter, please contact Ms. Whitney at (312) 353-4796.

Sincerely,

Gary J. Victorine, Chief
RCRA Branch

Enclosures

cc: John Schwabe, WDNR (john.schwabe@wisconsin.gov)

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 5
77 WEST JACKSON BOULEVARD
CHICAGO, ILLINOIS 60604

Compliance Evaluation Inspection Report

Date of Inspection:	November 22, 2013
Facility Name:	Nova-Kem, LLC
Facility Address:	N115 W19392 Edison Drive Germantown, Wisconsin 53022
EPA RCRA ID Number:	WID981189616
Generator Status:	Small Quantity Generator
Facility Contact:	Reno Novak Chief Executive Officer
U.S. EPA Inspector:	Brenda Whitney Environmental Engineer Compliance Section 2 Resource Conservation and Recovery Act (RCRA) Branch

Prepared By: Brenda Whitney
Brenda Whitney
Environmental Engineer

Date Completed: 12/18/13
Month / Day / Year

Accepted By:
Julie Morris
Chief, Compliance Section 2
RCRA Branch

Date Accepted: 12/23/13
Month / Day / Year

Introduction

I conducted an unannounced Compliance Evaluation Inspection (CEI) of Nova-Kem, LLC ("Nova-Kem" or "Facility") located at N115 W19392 Edison Drive in Germantown, Wisconsin, on November 22, 2013. This site was occupied by Cambridge Major Laboratories approximately one and a half years prior to this inspection. RCRAInfo had not yet been updated with the current business information, though the paperwork had been received by the Wisconsin Department of Natural Resources (WDNR). This CEI was an evaluation of Nova-Kem's compliance with the RCRA hazardous waste regulations codified in the Wisconsin Administrative Code and in the Code of Federal Regulations. Nova-Kem was operating as a small quantity generator at the time of the inspection. John Schwabe of the WDNR was unable to accompany me on this inspection. The following people were present for part or all of this inspection:

Przemyslaw Sapeta – Maintenance Technician	Nova-Kem
Brenda Whitney – Environmental Engineer	EPA

Introduction

I displayed official credentials to Facility personnel upon arrival at Nova-Kem. The purpose and logistics of the CEI were delineated, and we discussed Nova-Kem's hazardous waste generation sources and treatment methods. I informed Mr. Sapeta that I would be taking photographs during the CEI as needed. I provided three informational handouts to Mr. Sapeta: *SHWEC Environmental Programs (WDNR brochure); P2 Technical Assistance Contacts; and U.S. EPA Small Business Resources*.

Site Description

The following information about Nova-Kem is based on the personal observations of the EPA inspector and on representations made during the inspection by the Facility personnel identified above or within the text unless otherwise noted.

Nova-Kem is a specialty chemical precursor manufacturing and purification facility that is a subsidiary of Illinois-based ProChem, Inc. The main product, hexachlorodisilane (HCDS), is manufactured to a purity of 5ppb in a proprietary process. A second Nova-Kem facility in Seward, Illinois, shut down due to a fire in early 2013. Because the Seward plant is shut down, the current focus at the Germantown installation is to purify residual supplies that were salvaged from the fire. The hope is to rebuild the Seward plant close to this facility. Nova-Kem moved into this building on or about August, 2012. The facility is 13,000 square feet in size and houses 10-15 employees.

The distillation process generates aqueous wastes from cleaning glassware with nitric acid or ammonium bifluoride (ABF). These wastewaters are collected in 130-liter containers connected to the lab sinks and are typically non-hazardous. Every batch of wastewater is tested prior to removal from the site by Elite Environmental. Solvent-contaminated wastes (liquid and solid) are also generated at the site. This waste stream is managed as hazardous. One special order

generated an arsenic-contaminated waste, which was also managed as hazardous. All hazardous wastes are sent to Badger Disposal. Fluorescent lamps are managed as universal waste. Used oil is not typically generated at this site.

Site Tour

The facility has five isolated labs. The analytical lab on the second floor was the first lab on the tour. No hazardous waste was observed in this area. I then toured lab 2 on the first floor. No hazardous waste was stored in this area, though I observed a tote of wastewater under the sink. Lab 4 was next on the tour. I made the following observations in this lab:

- One 5-gallon container in hood E11 was open. Two additional two-gallon containers were in the hood. Each of these containers was labeled (Appendix A: Photograph 1).
- Three satellite containers of hazardous waste were located in hood E10. One of these containers was not covered. Each of the containers was labeled (Appendix A: Photograph 2).

A pilot plant in the facility has been idled. No waste was observed in this area.

The hazardous waste storage room is in the rear of the facility. Two 55-gallon drums were in this room. One drum of waste was marked only with the start date of accumulation, which was 5/24/13. The second drum was marked with the words "Hazardous Waste" and with an accumulation start date of 8/26/13. Two 5-gallon buckets of arsenic-contaminated wastes were next to the drums. These buckets were labeled with the words "Hazardous Waste," but were not marked with start dates of accumulation. According to a log book kept by the facility, the earliest possible date that the waste could have been generated was June 1, 2013. A third 55-gallon drum of hazardous waste was also in the room. The drum was labeled "Hazardous Waste" and was marked with a start date of accumulation from 10/15/13. Each of the above containers was closed and in good condition at the time of the inspection.

Universal waste was accumulating in a storage room on the second floor (Appendix A: Photograph 3). The containers of lamps were not closed or labeled. Mr. Sapeta closed and marked the containers with the words "Universal Waste" at the time of the inspection. In a room on the first floor near the hazardous waste storage area was a cardboard box of batteries. The box was labeled as "Used Batteries."

End of tour.

Records and Emergency Preparedness Review

Emergency Posting: A posting by the phone includes an emergency contact list with a number for the fire department (Appendix A: Photograph 5). A list of emergency equipment and locations was not posted.

Emergency and Hazardous Waste Awareness: Employees are provided with safety, emergency, and hazard training.

Manifests: Manifests appeared to be complete. According to Mr. Sapeta, final-signed copies are provided within 35 days, and no loads have been rejected from the destination facility.

Waste Determinations: Waste determinations had been completed for each waste generated at the facility. A combination of generator knowledge and analysis is used.

Weekly Inspections: Inspections of the 180-day area were not being conducted at this facility.

Closing Conference

The following items were discussed with Nova-Kem personnel at the close of the inspection:

- 180-day storage requirements
- Satellite accumulation requirements
- Universal waste requirements
- Emergency posting near telephone
- Weekly inspections
- Information collected during the inspection was deemed not to be Confidential Business Information.

Appendices

Appendix A: Photograph Log
Appendix B: Checklists
Appendix C: 1. Post-inspection email from Mr. Sapeta dated 11/22/2013
2. Post-inspection email from Mr. Sapeta dated 11/27/2013

Appendix A

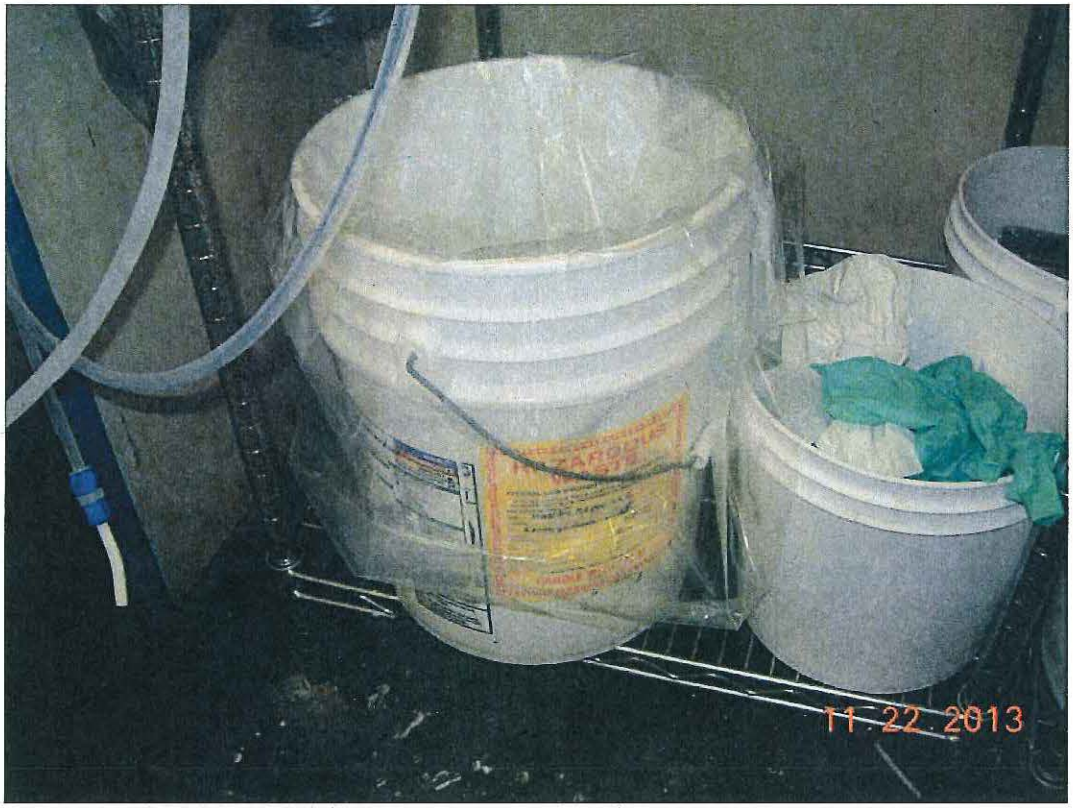
Photograph Log

Inspection Date:
November 22, 2013

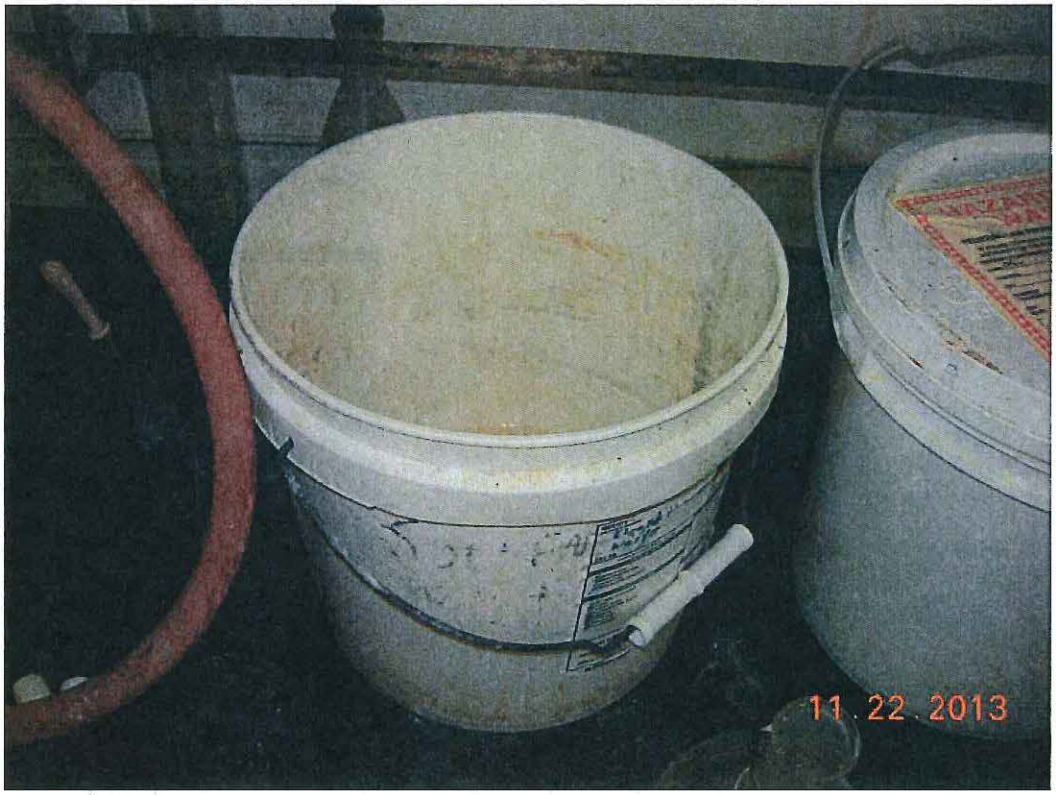
Facility Name and ID Number:
Nova-Kem, LLC
EPA ID: WID981189616

Inspector and Photographer:
Brenda Whitney
Compliance Section 2
RCRA Branch
Land and Chemicals Division

Camera Used:
Nikon Cool Pix P4 VR
Serial Number: 30530701

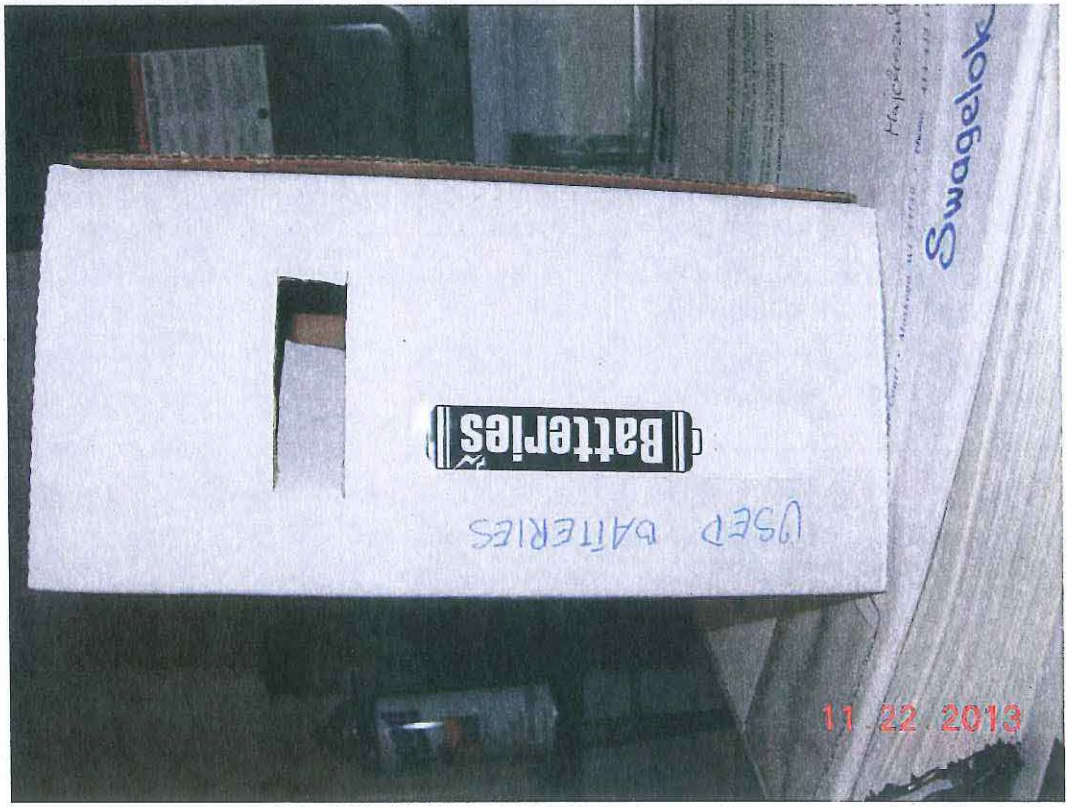


Photograph 1 – Open 5-gallon satellite container in hood E11 in Lab 4.



Photograph 2 – Open 2-gallon satellite container in hood E11 of Lab 4.

Photograph 3 – Cylinders of universal waste lamps were being stored in a room on the second floor. The containers were neither closed nor labeled. Mr. Sapeta closed and labeled the containers at the time of the inspection.



Photograph 4 – This photograph is oriented on its left side. Universal waste batteries were stored in a room outside of the hazardous waste storage area. The box was labeled as "Used Batteries."

2.0 LIST OF EMERGENCY CONTACTS

Nova-Kem, LLC Edison Drive Main Telephone number	262-293-0251
Emergency	911
Primary Emergency Coordinator – Reno Novak	262-293-0251 Cell: Nonresponsive
First Alternate Coordinator – Andrey Korolev	262-293-0251 Cell: Nonresponsive
Second Alternate Coordinator - Erik Miller	262-293-0251 Cell: Nonresponsive
State of Wisconsin Spill Hotline (Spill Reporting)	(800) 943-0003
EPA National Response Center (Spill Reporting)	(800) 424-8802
WE Energies (Wisconsin Electric and Gas Utilities)	(800) 662-4797
Germantown Water and Sewer Utility (emergency)	(262) 250-4721
Milwaukee Metropolitan Sewerage District (accidental material release into sewer)	(414) 282-7200
Neighboring Facility Names and Telephone Numbers (See Page 1-1)	
CGS Heating and Air Conditioning	(262) 253-6900
M & G Machining	(262) 255-9685
Laser Finishing Co.	(262)250-1056
Superior Metal Products	(262) 250-9662
LT Hampel Corporation	(262) 255-4540
Waste Management	(800) 236-1028
HSE and Spills Consultant – Daubs Environmental Services & Training (Maury Daubs)	(815) 262-8307
Waste Disposal Contractor – Alchemical Ventures, Inc. (Steve Walcenbach)	(414) 491-3421
Community Memorial Hospital – Emergency Room	(262) 257-1000
Germantown Fire Department	Emergency – 911 Non-emergency – (262) 502-4701
Germantown Police Department	Emergency – 911 Non-emergency – (262) 253-7780
Germantown Emergency Manager Peter Hoell	(262) 335-4399
Washington County Emergency Management Office Robert Schmid	

11 22 2013

Photograph 5 – This photograph is oriented on its left side. A list of emergency contact information was posted near a phone in the office of the facility. The posting did not include a list of emergency equipment available at the facility.

Appendix B

Checklists

Inspection Date:
November 22, 2013

Facility Name and ID Number:
Nova-Kem
WID981189616

Inspector:
Brenda Whitney
Compliance Section 2
RCRA Branch
Land and Chemicals Division

Revision: 10/31/2011
WASTE & MATERIALS MANAGEMENT PROGRAM

SMALL QUANTITY GENERATOR INSPECTION

Nova-Kem
WID981189616

This Inspection Form, used for the inspection of facilities that generate between 100 kg (220 lbs) and 1000 kg (2205 lbs) of non acute hazardous waste in a calendar month and less than 1 kg of acute hazardous waste in a calendar month , evaluates facility compliance with Wisconsin's Hazardous Waste Management Rules (chapter NR 660 - 679, Wis. Admin. Code).

:tion 1: Waste Information

A. Hazardous waste determination has been made on each solid waste generated (NR 662.011).	Y	662.190(2)	Photo☐
B. The waste determination has been made correctly, considering the listed waste definitions and the characteristics of the waste, in light of the materials or processes used (NR 662.011(3)).	Y	662.190(2)	Photo☐
C. Waste samples are analyzed by laboratories certified or registered under NR 149. Provide lab names and certification numbers (NR 662.011(3)(a)1).	Y	662.190(2)	Photo☐
D. Generator keeps records of all waste determinations on-site for at least three years from the date the waste was last sent to a storage, treatment or disposal facility.	Y	662.193(1)(b)	Photo☐
E. Generator submitted a notification form and obtained an EPA ID# (NR 662.012). Note: A subsequent notification should be submitted when there is an ownership or name change.	Y	662.190(2)	Photo☐

Section 2: Manifest, Pre-Transport Requirements and Off-Site Shipments

A. Generator sends waste off-site to be reclaimed under a contractual agreement. If NO, go to Question 2.E.	NO		Photo☐
B. Type of waste and frequency of shipments are specified in the contractual agreement.	N/A	662.191(1)(a)	Photo☐
C. Vehicle used to transport the waste to the recycler and back to the generator is owned and operated by the reclaimer.	N/A	662.191(1)(b)	Photo☐
D. Copy of the reclamation agreement is maintained for at least 3 years from the date the agreement is terminated or expires.	N/A	662.191(2)	Photo☐
E. Generator sends hazardous waste off-site that is not reclaimed under a contractual agreement. If NO, go to Question 2.K.	Y		Photo☐
F. The manifest is used according to the instructions in the appendix to 40 CFR part 262 (NR 662.020(1).	Y	662.190(2)(a)	Photo☐
G. The facility designated on the manifest is permitted or licensed to accept the waste (NR662.020(2)).	Y	662.190(2)(a)	Photo☐
H. For out-of-state shipments, a copy of the manifest is sent to the department within 30 days of receiving the signed copy from the designated facility (NR 662.023(3)).	N/A	662.190(2)(a)	Photo☐
I. Manifest continuation form, EPA form 8700-22A, is prepared according to the instructions in the appendix of 40 CFR part 262 (NR 662.020(1)).	N/A	662.190(2)(a)	Photo☐
J. If the generator received a shipment back as a rejected load, the returned waste has been accumulated in compliance with the container or tank standards for less than 180 days.	N/A	662.192(5)	Photo☐

Section 2: Manifest, Pre-Transport Requirements and Off-Site Shipments

K. Upon receipt of the rejected shipment, the generator signed EITHER of the following: 1. Manifest Item 18c if the transporter returned the shipment using the original manifest. 2. Manifest Item 20 if the transporter returned the shipment using a new manifest.	N/A	662.192(5) Photo☐
L. Copy of the manifest is signed by the generator and retained until the signed copy from the designated facility is received.	Y	662.193(1)(a) Photo☐
M. Copy of each manifest is kept for at least three years from the date of shipment.	Y	662.193(1)(a) Photo☐
N. Hazardous waste is packaged according to applicable DOT requirements before transport (NR 662.030). According to Facility	Y	662.190.(2) Photo☐
O. Hazardous waste is labeled according to applicable DOT requirements before transport (NR 662.031). According to Rep	Y	662.190(2) Photo☐
P. Hazardous waste is marked according to applicable DOT requirements before transport (NR 662.032(1)). According to Rep	Y	662.190(2) Photo☐
Q. Containers of 119 gallons and less are marked with the "Hazardous Waste - Federal law prohibit improper disposal" label before transport (NR 662.032(2)).	Y	662.190(2) Photo☐
R. Placards are offered to the initial transporter (NR 662.033). According to Rep	Y	662.190(2) Photo☐

Section 3: Land Disposal Restrictions

A. Generator determined if each waste is prohibited from land disposal by lab analysis or generator knowledge.	Y	668.07(1) Photo☐
B. Generator complies with the prohibition against dilution of wastes.	Y	668.03 Photo☐
C.A one-time written notice is sent to each treatment, storage or disposal facility with the initial waste shipment.	Y	668.07(1) Photo☐
D. A new notification is sent to the TSD and maintained in the generator file when the waste or receiving facility changes.	N/A	668.07(1) Photo☐
E. If the waste MEETS treatment standards, the LDR notice certifies the wastes may be land disposed without further treatment.	N/A	668.07(1) Photo☐
F. If the waste EXCEEDS treatment standards, the LDR notice notifies of appropriate treatment and applicable prohibitions.	Y	668.07(1) Photo☐
G. Copy of the LDR notifications and certifications are retained for at least 3 years from the date the waste was last sent off-site.	Y	668.07(1)(h) Photo☐

ction 3: Land Disposal Restrictions

H. Generator with a contractual agreement complies with BOTH of the following: 1. The notification and certification requirements for the initial shipment of the waste subject to the agreement. 2. Retains a copy of the notification and certification with the tolling agreement for at least 3 years after the agreement is terminated or expires.	N/A	668.07(1)(j) Photo☐
I. Underlying hazardous constituents have been identified for characteristic wastes.	Y	668.09(1) Photo☐
J. Generator identifies EITHER of the following when the waste is both a listed and characteristic waste: 1. The treatment standards for the listed waste code, in lieu of the treatment standard for the characteristic waste code. 2. The treatment standards for all applicable listed and characteristic waste codes.	Y	668.09(2) Photo☐
K. If waste is treated in containers or tanks, the generator meets with BOTH of the following (NR 668.07(1)(e)): 1. Developed a waste analysis plan describing the procedures used to meet applicable LDR treatment standards. 2. Complies with the certification requirements in NR 668.07(1)(c).	N/A	662.192(1)(d) Photo☐

Section 4: Annual Reports and Exception Reporting

A. Annual reports covering generator activities during the previous calendar year have been submitted to the Department by March 1 of the following year.	Y	662.193(3) Photo☐
B. Copy of each annual report is kept for at least 3 years from the due date of the report.	Y	662.193(1)(c) Photo☐
C. If the signed manifest copy is not received in 60 days, a legible copy of the manifest indicating no confirmation of delivery was submitted to the department.	N/A	662.193(2) Photo☐

Section 5: Preparedness and Prevention

A. Generator has ALL of the following equipment, unless the equipment is not necessary for the types of wastes handled (665.0032): 1. Device to summon emergency assistance (e.g., telephone, 2 way radio). 2. Internal communications and alarm systems. 3. Portable fire extinguishers. 4. Fire control equipment, including special extinguishing equipment. 5. Spill control equipment. 6. Decontamination equipment (e.g., eyewash, shower). 7. Water at adequate volume and pressure to supply water spray systems.	Y	662.192(1)(d) Photo☐
B. All of the above emergency equipment is tested and maintained to assure its proper operation in an emergency (665.0033).	Y	662.192(1)(d) Photo☐
C. There is immediate access to internal or external alarms or an emergency communication device in hazardous waste handling areas (665.0034).	Y	662.192(1)(d) Photo☐

Section 5: Preparedness and Prevention

D. Generator has made ALL of the following arrangements with emergency organizations (NR 665.0037(1)): 1. Primary and support roles have been defined if multiple police and fire departments could respond to an emergency. 2. Police, fire and emergency response teams are familiar with the site layout, hazards of the waste handled, places where personnel work, entrances and roads in the site and possible evacuation routes. 3. Agreements are made with emergency response contractors and equipment suppliers. 4. Local hospitals are familiar with the properties of wastes handled and the potential resulting injuries or illnesses.		662.192(1)(d) Photo☐
E. Aisle space is provided throughout the facility to allow for the unobstructed movement of personnel and all emergency equipment (NR 665.0035).	Y	662.192(1)(d) Photo☐

Section 6: Emergency Procedures & Personnel Training Requirements

A. A person has been identified as an emergency coordinator who is responsible for coordinating all emergency response measures and is on the premises or able to reach the site within a short period of time.	Y	662.192(1)(e)1 Photo☐
B. ALL of the following information is posted next to the telephone: ✓1. Name and telephone number of the emergency coordinator. 2. Location of fire extinguishers, spill control material and, if present, fire alarm. ✓3. Telephone number of the fire department unless the generator has a direct alarm.	N	662.192(1)(e)2 Photo☐
C. In the event of an emergency, the emergency coordinator takes the following actions: 1. In the event of a release, telephone the division of emergency management (800-943-0003) and comply with NR 706. 2. In the event of a fire, call the fire department or attempt to extinguish the fire, if appropriate. 3. In the event of a spill, contain the flow of hazardous waste to the extent possible and clean up the hazardous waste and contaminated materials or soil. 4. If there is a release that could threaten human health outside the facility or if a spill reaches surface water, immediately notify the national response center (800-424-8802).	N/A	662.192(1)(e)4 Photo☐
D. All employees are thoroughly familiar with proper waste handling and emergency procedures relevant to their responsibilities during normal operations and emergencies.	Y	662.192(1)(e)3 Photo☐

Section 7: Container Accumulation

A. Generator accumulates hazardous waste in containers. If NO, go to Section 8.	Y	 Photo☐
B. The accumulation start date is clearly marked and visible for inspection on each container.	N	662.192(1)(d)1 Photo☐
C. All containers are clearly marked with the words "Hazardous Waste".	N	662.192(1)(d)2 Photo☐
D. The contents of a container that is leaking or in poor condition are transferred to another container in good condition (NR 665.0171).	N/A	662.192(1)(b) Photo☐

ction 7: Container Accumulation

E. Containers are made or lined with materials compatible with the waste (NR 665.0172).	Y	662.192(1)(b) Photo☐
F. Containers are kept closed except when it is necessary to add or remove waste (NR 665.0173(1)).	Y	662.192(1)(b) Photo☐
G. Containers are opened, handled or stored to prevent leaks or ruptures (NR 665.0173(2)).	Y	662.192(1)(b) Photo☐
H. Container storage areas are inspected weekly for leaks and deterioration (NR 665.0174).	N	662.192(1)(b) Photo☐
I. Incompatible wastes are stored in separate containers unless the mixing will not generate extreme heat, fire, explosion, toxic gases or other dangers (NR 665.0177(1)).	N/A	662.192(1)(b) Photo☐
J. Containers of incompatible wastes are separated or protected from each other by a physical barrier (dike, berm, wall or other device) (NR 665.0177(3)).	N/A	662.192(1)(b) Photo☐
K. Containers that previously held waste are properly washed before adding incompatible waste, unless the mixing will not generate extreme heat, fire, explosion, toxic gases or other dangers (NR 665.0177(2)).	N/A	662.192(1)(b) Photo☐

ction 8: Satellite Accumulation

A. Waste is accumulated in satellite accumulation areas. If NO, go to Section 9. (IN LAB 4)	Y	Photo☐
B. Generator accumulates no more than 55 gallons of hazardous waste or 1 quart of acute hazardous waste in each satellite area.	Y	662.192(4)(a) Photo☐
C. Satellite containers are under the control of the operator of the process generating the waste.	Y	662.192(4)(a) Photo☐
D. Containers are always kept closed except when it is necessary to add or remove waste (NR 665.0173(1)).	N	662.192(4)(a)1 Photo☐
E. Containers are made of or lined with materials that are compatible with the waste (NR 665.0172).	Y	662.192(4)(a)1 Photo☐
F. Containers are marked "Hazardous Waste" or with other words that identify the contents.	Y	662.192(4)(a)2 Photo☐
G. If the container is leaking or in poor condition, contents are transferred to another container in good condition (NR 665.0171).	N/A	662.192(4)(a)1 Photo☐
H. Container holding the excess waste is marked with the date the excess amount begins accumulating.	N/A	662.192(4)(b) Photo☐

Section 8: Satellite Accumulation

I. Generator complies with the 180 day accumulation requirements with respect to the excess amount within 3 days of it being generated.	N/A	662.192(4)(b) Photo☐

Section 9: Used Oil

A. Used oil is managed on-site. If NO, go to Section 10. NONE OBSERVED	No	Photo☐
B. Used oil containing >= 1,000 ppm halogens is managed as listed hazardous waste or the rebuttable presumption requirements have been met.	N/A	679.10(2)(a)2 Photo☐
C. Used oil containers and tanks are in good condition and not leaking.	N/A	679.22(2) Photo☐
D. Used oil containers and tanks are marked "used oil".	N/A	679.22(3)(a) Photo☐
E. Transporter has an EPA ID number, except when generator self-transports or has a tolling agreement.	N/A	679.24 Photo☐
F. Used automotive oil filters and oil absorbent material are not land filled, except if less than 1 gallon absorbent results from a non-routine spill.	N/A	Photo☐
G. If used oil is burned in an on-site used oil-fired space heater, all of the following are met: 1. Only used oil from the generator or household do-it-yourselfers is burned. 2. The heater is designed with a maximum capacity of 0.5 million BTU per hour or less. 3. The combustion gases are vented to the ambient air.	N/A	679.23 Photo☐
H. If used oil is accepted from others or sent off-site to be burned in a space heater, the used oil meets fuel specifications and the marketer requirements in NR 679 subch. H are met.	N/A	679.11 Photo☐

Section 10: Waste Minimization Certification

A. Small quantity generator has made a good faith effort to minimize the amount of waste generated (NR 662.027(2)).	Y	662.190(2)(a) Photo☐

Section 11: Generator Status Evaluation

A. Between 220 lbs (100 kg) and 2,205 lbs (1,000 kg) of waste is generated in any month.	Y	662.190(1) Photo☐
B. Waste is accumulated for 180 days or less. (ONE CONTAINER = 186 days)	N	662.192(1) Photo☐
C. Waste is accumulated for 270 days or less if the generator must ship 200 miles or more.	N/A	662.192(2) Photo☐

ction 11: Generator Status Evaluation

D. Less than 13,230 lbs (6,000 kg) of waste is accumulated.	Y	662.192(1)(a) Photo ☐
E. Describe any other activities the generator is conducting at the facility.		 Photo ☐

UNIVERSAL WASTE HANDLER INSPECTION REPORT - SMALL QUANITY HANDLER

Revision: 03/27/2012
WASTE & MATERIALS MANAGEMENT PROGRAM

This Inspection Form, used for the inspection of facilities that generate or handle less than 5000 kg of universal waste (hazardous waste batteries, pesticide, lamps, antifreeze, and some mercury containing devices), evaluates facility compliance with Wisconsin's Hazardous Waste Management Rules (chapters NR 660-679, Wis. Admin. Code). The Universal waste regulations streamline the requirements for hazardous waste batteries, pesticide, lamps, antifreeze, and some mercury containing devices. Persons treating, disposing, recycling, or otherwise processing universal wastes are subject to applicable hazardous waste regulations.

Section 1: Prohibitions

A. Universal waste is not disposed on-site.	Y	673.11(1) Photo☐
B. Universal waste is not diluted or treated on-site. Note: Dilution or treatment does not include: sorting, mixing, discharging, regenerating, or disassembling batteries; removing batteries from consumer products or removing electrolytes; removing thermostat ampules; or, responding to a release of universal waste.	Y	673.11(2) Photo☐

Section 2: General Standards

A. Universal waste batteries and thermostats that are broken or show evidence of leakage or spillage are placed in closed, structurally sound containers that are compatible with the waste and are not leaking.	NA	673.13 Photo☐
B. Universal waste pesticides and lamps are placed in closed, structurally sound containers that are compatible with the waste and not leaking.	N	673.13 Photo☐
C. Sorting, mixing or handling of batteries is only conducted if the battery casing is not breached and remains intact.	NA	673.13(1)(b) Photo☐
D. Wastes generated by handling or cleaning up spills of universal wastes are managed according to hazardous waste or solid waste rules.	NA	673.13 Photo☐
E. If mercury containing ampules are removed from thermostats, the handler meets ALL of the following: 1. Ampules are removed in a manner to prevent breakage. 2. Removal is conducted over a containment device. 3. Spills or leaks are immediately cleaned up. 4. Activity is performed in a well ventilated, monitored environment.	NA	673.13(3)(b) Photo☐
F. Pesticides are placed in a tank that meets NR 665 subch. J requirements, except closure and post closure requirements in NR 665.0197(3) and waste analysis requirements in NR 665.0200.	NA	673.13(2) Photo☐
G. Pesticides are placed in a transport vehicle or vessel that is closed, structurally sound, not leaking and compatible with the waste.	NA	673.13(2) Photo☐
H. All universal wastes are labeled or marked "Waste" or "Used" followed by the specific type of universal waste handled or "Universal Waste".	N	673.14 Photo☐
I. Containers, tanks, or transport vehicles of recalled pesticides are additionally marked with the label that was on or accompanied the product when it was sold or distributed.	NA	673.14 Photo☐
J. Length of accumulation time is demonstrated by any of the following: 1. Mark or label each container with the earliest date the waste is generated or received. 2. Mark or label the individual item of waste with the date it was generated or received. 3. Maintain an inventory system identifying the date the waste was generated or received. 4. Place the universal waste in a specific accumulation area identified with the earliest date the waste was generated or received. 5. Use some other method that clearly demonstrates the length of accumulation time.	Y	673.15(3) Photo☐
K. Universal waste is accumulated for less than one year from the date generated or received from another handler.	Y	673.15(1) Photo☐

UNIVERSAL WASTE HANDLER INSPECTION REPORT - SMALL QUANITY HANDLER

Section 2: General Standards

L. If universal waste is accumulated beyond one year, the handler can prove that accumulation was necessary to facilitate proper recovery, treatment or disposal.	NA	673.15(2) Photo☐
M. Employees are trained on the proper handling and emergency procedures appropriate to the types of waste handled at the facility.	N	673.16 Photo☐
N. Handler complies with ALL of the following when a release occurs: 1. Immediately contains the release. 2. Determines if the spill residue is hazardous waste. 3. If hazardous waste, disposes of it as such.	NA	673.17 Photo☐

Section 3: Off-site Shipments

A. Handler sends the waste to a destination facility, foreign destination or another handler.	Y	673.18(1) Photo☐
B. Handler that self-transports complies with ALL of the following: 1. Applicable US DOT regulations in 49 CFR parts 171 to 180 when transporting universal waste that meets the definition of hazardous materials. 2. Immediately contain release and make waste determination on spill residue. 3. If shipped to a foreign destination other than an OECD country, use an EPA acknowledgement of consent.	NA	673.18(2) Photo☐
C. For hazardous materials, the handler packages, labels, marks, placards and prepares the proper shipping papers in accordance with DOT requirements in 49 CFR parts 172 to 180.	Y	673.18(3) Photo☐
D. When shipping to another universal waste handler, the handler has agreed to receive the shipment.	Y	673.18(4) Photo☐
E. If a shipment was rejected, EITHER of the following occurred: 1. The waste was sent back to the originating handler. 2. The originating handler agreed on a destination facility to which to ship the waste.	NA	673.18 Photo☐
F. If a shipment contains hazardous waste, the handler receiving the shipment immediately notifies the Department.	NA	673.18(7) Photo☐
G. Nonhazardous, nonuniversal waste, in a universal waste shipment is managed in compliance with the solid waste requirements.	NA	673.18(8) Photo☐

Appendix C

Email correspondence including attachments from Przemyslaw Sapeta of Nova-Kem, LLC

November 22, 2013, and
November 27, 2013

Whitney, Brenda

From: Shem Sapeta [psapeta@nova-kem.com]
Sent: Friday, November 22, 2013 3:27 PM
To: Whitney, Brenda
Cc: Beth Graf
Subject: Nova Kem Germantown WI corrections 11 22 2013

Dear Brenda,

This are corrections what we have already made:
Labels on Solid Hazardous Waste drums.
Accumulation starting date on Arsenic waste pails
Cower on solid waste lab4
Cower on liquid waste lab4
Labels on containers for used fluorescent lamps.
We have schedule pickup for Hazardous Solid Waste.

Best Regards,
Shem

Maintenance Technician
psapeta@nova-kem.com
262-293-0251

NOVA-KEM
Precursor to Success

NOVA-KEM
N115W19392 Edison Drive
Germantown, WI 53022 USA

Whitney, Brenda

From: Shem Sapeta [psapeta@nova-kem.com]
Sent: Wednesday, November 27, 2013 12:20 PM
To: Whitney, Brenda; Beth Graf
Subject: Re: Nova Kem Germantown WI corrections 11 22 2013

Dear Brenda,
Our hazardous waste was picked up.
I have attached copy of Hazardous Waste Manifest (2 copies, one has better resolution) and Land Disposal Restriction Notification Form.
I have also attached picture of our emergency contact list with displayed Facility Floor Plan.

Have a Happy Thanksgiving!

Best Regards,
Shem

Maintenance Technician
psapeta@nova-kem.com
262-293-0251

NOVA-KEM
N115W19392 Edison Drive
Germantown, WI 53022 USA

On Mon, Nov 25, 2013 at 10:01 AM, Whitney, Brenda <whitney.brenda@epa.gov> wrote:

Hi Shem,

Thank you for the information. I will be sure to include this email and the attachments in the Nova-Kem file.

After the hazardous waste is picked up, please email me a copy of the manifest confirming the shipment.

Thanks again,

Brenda

Brenda Whitney

Environmental Engineer

U.S. EPA - Region 5

77 W. Jackson Boulevard, LR-8J

Chicago, Illinois 60604

312-353-4796 (ph)

312-385-5505 (fax)

From: Shem Sapeta [mailto:psapeta@nova-kem.com]
Sent: Friday, November 22, 2013 3:27 PM
To: Whitney, Brenda
Cc: Beth Graf

Subject: Nova Kem Germantown WI corrections 11 22 2013

Dear Brenda,

This are corrections what we have already made:

Labels on Solid Hazardous Waste drums.

Accumulation starting date on Arsenic waste pails

Cower on solid waste lab4

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
				001382852 GBF

GENERATOR

5. Generator's Name and Mailing Address

Generator's Phone:

Generator's Site Address (if different than mailing address)

6. Transporter 1 Company Name — U.S. EPA ID Number

7. Transporter 2 Company Name — U.S. EPA ID Number

8. Designated Facility Name and Site Address — U.S. EPA ID Number

Facility's Phone:

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
X	1.					
X	2.					
X	3.					
	4.					

14. Special Handling Instructions and Additional Information

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name — Signature — Month — Day — Year

INTL

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:

Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name — Signature — Month — Day — Year

Transporter 2 Printed/Typed Name — Signature — Month — Day — Year

DESIGNATED FACILITY

18. Discrepancy

18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

18b. Alternate Facility (or Generator) — U.S. EPA ID Number

Facility's Phone:

18c. Signature of Alternate Facility (or Generator) — Month — Day — Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name — Signature — Month — Day — Year

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

GENERATOR'S INITIAL COPY

SENDER: *COMPLETE THIS SECTION*

- Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

Mr. Mike Wild, CIH
Cambridge Major Laboratories, Inc.
W130 N10497 Washington Drive
Germantown, WI 53022

COMPLETE THIS SECTION ON DELIVERY

A. Received by *(Please Print Clearly)*: Kari Prahl
B. Date of Delivery: 4/28/08

C. Signature
x Kari Prahl
☐ Agent
☐ Addressee

D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☐ No

Service Type
☑ Certified Mail ☐ Express Mail
☐ Registered ☑ Return Receipt for Merchandise
☐ Insured Mail ☐ C.O.D.

4. Restricted Delivery? *(Extra Fee)* ☐ Yes

2. Article Number
(Transfer from service label) 7001 0320 0006 0184 9632

PS Form 3811, March 2001 Domestic Return Receipt 102595-01-M-1424

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 5
77 WEST JACKSON BOULEVARD
CHICAGO, IL 60604-3590

APR 24 2008

REPLY TO THE ATTENTION OF: LR-8J

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

Mr. Mike Wild, CIH
Safety/Environmental Manager
Cambridge Major Laboratories, Incorporated
W130 N10497 Washington Drive
Germantown, Wisconsin 53022

Re: Compliance Evaluation Inspection
EPA I.D. No.: WID 981 189 616

Dear Mr. Wild:

On January 24, 2008, representatives of the United States Environmental Protection Agency and the Wisconsin Department of Natural Resources (WDNR) inspected Cambridge Major Laboratories, Incorporated (CML) located at N115 W19392 Edison Drive, Germantown, Wisconsin. In response to violations of the hazardous waste generator regulations identified during the inspection, EPA issued a Notice of Violation to CML on February 7, 2008. Subsequent to EPA's Notice of Violation you submitted additional information regarding the identified violations in correspondence dated April 7, 2008.

This letter is to inform you that EPA has reviewed the referenced response, and does not plan additional enforcement action at this time. This letter does not limit the applicability of the requirements evaluated, or of other federal or state statutes or regulations. EPA and WDNR will continue to evaluate CML in the future.

If you have any questions regarding this letter, please contact Michael Cunningham, of my staff, at (312) 886-4464.

Sincerely,

Willie H. Harris

Willie H. Harris, P.E.
Chief, RCRA Branch
Land and Chemicals Division

cc: John Schwabe, WDNR, SE Region-Waukesha Service Center

Land and Chemicals Division
RCRA Branch
Inspection Letter Signoff

Type of Document:
- ☐ Notice of Violation and Inspection Report/Checklist
- ☐ No Violation Letter and Inspection Report/Checklist
- ☐ Letter of Acknowledgment
- ☐ Information Request
- ☒ Return to Compliance

Facility Name and Location and Id: Cambridge Major LABS
N115 W19392 Edison Dr. Germantown, WI
WID 981 189 616

Assigned Staff: Mike Cunningham **Phone:** 64464

Name	Signature	Date
Author		4-23-08
Regional Counsel		
Section Chief		4-23-08
Branch Chief		4/24/08

4-24-08

Directions/Request for Clerical Support:
After the Section Chief signs this sheet and original letter:
1. Date stamp the cover letter;
2. Make four copies of the contents of this folder:
   - One copy for the assigned staff;
   - One copy for the section file; and
   - One copy for the official file; Note: original inspection report goes into file room.
3. Make any additional copies for cc's or bcc's.
4. Mail the original certified mail and distribute office copies and cc's and bcc's.

Once the certified mail receipt is returned:
5. File the certified mail receipt (green card), with this sign-off sheet and the official file copy, and take to 7th floor RCRA file room.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 5
77 WEST JACKSON BOULEVARD
CHICAGO, IL 60604-3590

APR 24 2008

REPLY TO THE ATTENTION OF: LR-8J

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

Mr. Mike Wild, CIH
Safety/Environmental Manager
Cambridge Major Laboratories, Incorporated
W130 N10497 Washington Drive
Germantown, Wisconsin 53022

Re: Compliance Evaluation Inspection
EPA I.D. No.: WID 981 189 616

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Sincerely,

Willie H. Harris

Willie H. Harris, P.E.
Chief, RCRA Branch
Land and Chemicals Division

cc: John Schwabe, WDNR, SE Region-Waukesha Service Center

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 5
77 WEST JACKSON BOULEVARD
CHICAGO, IL 60604-3590

FEB 07 2008

REPLY TO THE ATTENTION OF: LR-8J

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

Michael Wild, Safety & Environmental Manager
Cambridge Major Laboratories, Incorporated
N 115 W 19392 Edison Drive
Germantown, Wisconsin 53022

Re: Notice of Violation
Compliance Evaluation Inspection
EPA I.D. No.: WID 981 189 616

Dear Mr. Wild:

On January 24, 2008, representatives of the United States Environmental Protection Agency (U.S. EPA) and the Wisconsin Department of Natural Resources (WDNR) inspected Cambridge Major Laboratories, Incorporated (CML) located at N 115 W 19392 Edison Drive, Germantown, Wisconsin. The purpose of the inspection was to evaluate CML's compliance with certain provisions of the Resource Conservation and Recovery Act (RCRA); specifically, those regulations related to the generation, treatment and storage of hazardous waste. A copy of the inspection report is enclosed for your reference.

Based on information provided by CML personnel, a review of records, and personal observations by the inspectors while inspecting the facility, U.S. EPA finds that CML is engaged in the management of hazardous waste without a hazardous waste storage license, and is in violation of certain requirements of the Wisconsin Administrative Code (WAC) and the United States Code of Federal Regulations (CFR). To be eligible for the exemption from the requirement to obtain a hazardous waste storage license, CML must be in compliance with the conditions of WAC § NR 662.034(1) and (3) [40 CFR § 262.34(a) and (c)]. Specifically, U.S. EPA finds that CML is in noncompliance with the following conditions for a storage license exemption, and in violation of the following requirements:

1. In order to avoid the need for a license, a generator must mark each container of hazardous waste with the date upon which each period of accumulation begins. See, WAC § NR 662.034(1)(b) [40 CFR § 262.34(a)(2)].

   At the time of the inspection, six 55-gallon drums of hazardous waste in the solvent storage room were not marked with the date upon which each period of accumulation began. CML, therefore, failed to comply with the above-mentioned condition for a storage license exemption, and violated the storage facility marking requirement.

2. In order to avoid the need for a license, a generator must mark each satellite accumulation container of hazardous waste with either the words "Hazardous Waste" or with other words that identify the contents of the containers. See, WAC § NR 662.034(3)(a)(2) [40 CFR § 262.34(c)(1)(ii)].

   At the time of the inspection, four satellite accumulation containers of hazardous waste located in the upstairs analytical laboratory were not marked with the words "Hazardous Waste" or with other words that identified the contents of the containers. CML, therefore, failed to comply with the above-mentioned condition for a storage license exemption, and violated the satellite accumulation container marking requirement.

3. A generator who accumulates hazardous waste on-site for 90 days or less and who does not meet the conditions for an operating license exemption of WAC § NR 662.034(1) and (3) [40 CFR § 262.34(a) and (c)], or accumulates hazardous waste on site for greater than 90 days, is an operator of a hazardous waste storage facility, and is required to obtain a hazardous waste storage operating license. See WAC §§ NR 670.001(3) and 670.010(1) [40 CFR §§ 270.1(c) and 270.10(a)].

   On failing to comply with the conditions for a permit exemption specified in Nos. 1 and 2 above, CML's failure to apply for and obtain a hazardous waste storage license violated the permit requirements of WAC § NR 670.001(3) and 670.010(1).

According to Section 3008(a) of RCRA, U.S. EPA may issue an order assessing a civil penalty for any past or current violation and requiring compliance immediately or within a specified time period. Although this letter is not such an order, we request that you submit a response in writing to this office no later than thirty (30) days after receipt of this letter documenting the actions, if any, which have been taken since the inspection to establish compliance with the above conditions and requirements.

You should submit your response to Michael Cunningham, United States Environmental Protection Agency, Region 5, 77 West Jackson Boulevard, Mail Code LR-8J, Chicago, Illinois 60604. You should also send a copy of your response to the Wisconsin Department of Natural Resources, Attn.: John Schwabe, SE Region-Waukesha Service Center, 141 NW Barstow Street, Room 180, Waukesha, Wisconsin 53188.

If you have any questions regarding this letter, please contact Michael Cunningham of my staff at (312) 886-4464.

Sincerely,

Willie H. Harris

Willie H. Harris, P.E.
Chief, RCRA Branch
Land and Chemicals Division

Enclosure

cc: John Schwabe, WDNR, SE Region-Waukesha Service Center

Waste, Pesticides and Toxics Division

Type of Document: ☑ Notice of Violation and Inspection Report/Checklist
☐ No Violation Letter and Inspection Report/Checklist
☐ Letter of Acknowledgment
☐ Information Request

Facility Name : Cambridge Major LABS

Facility Location: N115 W 19392 Edison Dr.

City: Germantown **State:** WI

U.S. EPA ID# WID 981 189 616

Assigned Staff Michael Cunningham **Phone:** 64464

Name	Signature	Date
Author		2-4-08
Regional Counsel		2/5/08
Section Chief		2-5-08
Branch Chief	Willie Harris	2/6/08

2-6-08

Directions/Request for Clerical Support:

After the Section Chief signs this sheet and original letter:

1. Date stamp the cover letter;
2. Make four copies of the contents of this folder:
   - One copy for the assigned staff;
   - One copy for the section file;
   - One copy for the branch file; and
   - One copy for the official file copy.
3. Make any additional copies for cc's or bcc's.
4. Mail the original certified mail and distribute office copies and cc's and bcc's.

Once the certified mail receipt is returned:

5. File the certified mail receipt (green card), with this sign-off sheet and the official file copy, and take to 7th floor RCRA file room;
6. E-mail staff the date that the letter was received by facility.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 5, LCD, RCS2, LR-8J
77 W. JACKSON BOULEVARD
CHICAGO, IL 60604

RCRA COMPLIANCE EVALUATION INSPECTION REPORT

SITE NAME: Cambridge Major Laboratories, Incorporated

EPA ID No.: WID 981 189 616

ADDRESS: N 115 W 19392 Edison Drive
Germantown, Wisconsin 53022

DATE OF INSPECTION: January 24, 2008

EPA INSPECTOR: Michael Cunningham

WISCONSIN DNR INSPECTOR: John Schwabe

PREPARED BY: Michael Cunningham 01-25-08
Date Completed

ACCEPTED BY: Little 1-25-08
Paul Little, Chief
Compliance Section # 2
Date

Purpose of Inspection
This inspection was an evaluation of Cambridge Major Laboratories, Incorporated's (CML) compliance with the hazardous waste regulations found at NR 600-690 of the Wisconsin Administrative Code and 40 Code of Federal Regulations Parts 262 through 279. The inspection was a Federal lead RCRA Compliance Evaluation Inspection.

Participants
State Inspector: John Schwabe, Waste Management Specialist, WDNR
Federal Inspector: Michael Cunningham, Environmental Scientist, U.S. EPA
Representatives of CML: Michael W. Major, President & CEO, John N. Zobel, VP of Operations, Michael Wild, Safety & Environmental Manager

Introduction
The State inspector and I arrived at the site at approximately 9:30 AM. We introduced ourselves, presented inspector credentials and identification, and described the purpose of the inspection. Mr. Major, Mr. Zobel, and Mr. Wild provided a verbal description of the site and led the tour. They also provided the records the inspectors requested for review. I provided a Small Business Resources information sheet and P2 contact sheet to Mr. Wild.

Site Description
CML is a commercial manufacturer of pharmaceutical ingredients. The company has two locations in Germantown, Wisconsin. The Edison Drive site conducts manufacturing operations for orders of up to 10 kilos of product as well as research and development. The company has been at the Edison Drive location since 1994, and has 10 - 15 employees. Hazardous waste organic solvents (D001, F002, F003, F005) are generated from the various laboratory operations and cleaning. Waste acetonitrile, water and sample material is generated from high pressure liquid chromatography (HPLC) machines, and waste acetone is generated from the cleaning of laboratory equipment. Solvent-containing rags are also generated from the cleaning of laboratory equipment. The rags are sent off-site for laundering. Chloroform (D022), methylene chloride and other solvents may be periodically used and end up in the waste streams generated from the production processes. Spent hazardous waste drying agents, catalysts, and silica gels are generated from the various manufacturing processes. Periodic lab chemical clean-outs generate a variety of characteristic and P, and U-listed waste streams. All hazardous waste is sent to Badger Disposal of Wisconsin.

Site Tour
The inspectors began the tour in the upstairs analytical lab. A 3-gallon satellite accumulation container was located in the sample prep hood. Two other satellite accumulation containers were connected via a hose to the HPLC machines, and one was located on the floor next to the HPLC machines. All four containers were marked with the words "Waste". We then went downstairs to the Kilo labs. Each of the Kilo labs had a bucket in the sink labeled "Flam Waste" containing spent acetone generated from cleaning operations. Each lab also had a red metal container labeled "used rags" or "waste rags" containing spent rags generated from cleaning operations. We then inspected the solvent storage area. This room had six 55-gallon drums marked with the words "Hazardous Waste". Three of the drums were marked "Flammable Solvents, one of which also had a funnel attachment. A fourth drum was marked "Chlorinated Waste", a fifth was marked "Aqueous Waste", and the sixth was marked "Solid Waste". All of the drums were closed, but none were marked with an accumulation start date.

Record Review
The inspectors reviewed hazardous waste profiles for the chlorinated, flammable, aqueous, solid, and lab pack waste streams. The inspectors also reviewed the contingency plan, training records, solvent storage area inspection log, and manifests for 2006-2008.

Closing Conference
I summarized my review of the site and told the facility personnel that I would provide the follow-up response and report.

Attachment: Large Quantity Generator and Subpart CC Checklist

State of Wisconsin
Department of Natural Resources
Hazardous Waste Management Program

Large Quantity Generator Inspection Report
Form 4430-030 (09/06) Page 1 of 8

ection A: Inspection Information

Inspection Date(s)	DNR Region	DNR Inspector(s)	Inspection was
01/24/08		John Schwabe EPA Inspector Michael Cunningham	☒ Unannounced ☐ Announced

Section B: Generator Information

Generator Name	EPA ID Number	Facility ID (FID) Number
Cambridge Major LABS	WID 981189 Colle	267069990

Street Address	City	ZIP Code	County
N115W19392 Edison Drive	Germantown	53022	

Contact Name	Title	Telephone Number (include area code)
Michael Wild	Safety + Env. Manager	(262) 251-5044 ext. 225

E-Mail Address:

Legal Owner Name		Telephone Number (include area code)
Street Address	City	State / ZIP Code

Personnel Present	Title
Personnel Present	Title

Generator's Main Product or Process

Section C: Waste Information

Description of Waste Generated	Hazardous Waste Code	Generation Rate lbs/month	Receiving Facility	Analysis (Date)	Generator Knowledge (✓)
Organic Solvents	D001 F002, F003, F005	~7000 lb/mo varies	Badger		☑
					☐
					☐
					☐

Note: All "NR" references are to the Wisconsin Administrative Code. When entering information into the Field Investigator Site Tracking (FIST) database, only enter the **bold** citation into the Code or Statute Citation field. If more than one **bold** citation is given, enter the bold citation that applies.

NR 662.011	1. Has a hazardous waste determination been made on each solid waste generated?	☒ Yes	☐ No	
NR 662.011(3)	2. Has the waste determination been made correctly, considering the listed waste definitions and the characteristics of the waste, in light of the materials or processes used?	☒ Yes	☐ No	
NR 662.011(3)(a)1.	3. Were waste samples analyzed by laboratories certified or registered under NR 149? If Yes, provide lab names and certification numbers.	☐ Yes	☐ No	☒ N/A
NR 662.040(3)	4. Does the generator keep records of all waste determinations on-site for at least three years from the date the waste was last sent to a storage, treatment or disposal facility?	☒ Yes	☐ No	
NR 662.012	5. Has the generator submitted a notification form and obtained an EPA ID#? Note: A subsequent notification should be submitted when there is an ownership or name change.	☒ Yes	☐ No	

ction D: Manifest, Pre-Transport Requirements and Off-Site Shipments

IR 662.020(1)	1. Does the generator initiate a manifest with all off-site shipments of hazardous waste?	☒ Yes	☐ No	

NR 662.020(1) **NR 662.020(2)** **NR 662.023(3)**	2. Does the generator comply with the following manifest requirements? ☐ The manifest is used according to the instructions in the appendix to 40 CFR part 262. ☐ A facility that is permitted or licensed to accept the waste is designated on the manifest. ☐ For out-of-state shipments, a copy of the manifest is sent to the department within 30 days of receiving the signed copy from the designated facility.	☒ Yes ☐ No
NR 662.020(1)	3. Is the manifest continuation form, EPA form 8700-22A, prepared according to the instructions in the appendix of 40 CFR part 262?	☒ Yes ☐ No ☐ N/A
NR 662.034(13)	4. If the generator received a shipment back as a rejected load, have the following been met? ☐ The returned waste has been accumulated in compliance with the container or tank standards for less than 90 days. ☐ Upon receipt of the shipment, the generator signed either: ____ Manifest Item 18c if the transporter returned the shipment using the original manifest ____ Manifest Item 20 if the transporter returned the shipment using a new manifest.	☐ Yes ☐ No ☒ N/A
NR 662.040(1)	5. Is a copy of the manifest signed by the generator retained until the signed copy from the designated facility is received?	☒ Yes ☐ No
NR 662.040(1)	6. Is a copy of each manifest kept for at least three years from the date of shipment?	☒ Yes ☐ No
NR 662.030	7. Is the hazardous waste packaged according to applicable DOT requirements before transport?	☒ Yes ☐ No
NR 662.031	8. Is the hazardous waste labeled according to applicable DOT requirements before transport?	☒ Yes ☐ No
NR 662.032(1)	9. Is the hazardous waste marked according to applicable DOT requirements before transport?	☒ Yes ☐ No
NR 662.032(2)	10. Are containers of 119 gallons and less marked with the "Hazardous Waste-Federal law prohibits improper disposal" label before transport?	☒ Yes ☐ No
NR 662.033	11. Are placards offered to the initial transporter?	☒ Yes ☐ No
NR 662.033	12. If placards are not required under 49 CFR part 172, subpart F, does the generator mark each motor vehicle with the legal name or single trade name of the commercial motor vehicle per 49 CFR 390.21 or 1058.2?	☐ Yes ☐ No ☒ N/A
Section E: Land Disposal Restrictions		
NR 668.07(1)	1. Has the generator determined if each waste is prohibited from land disposal? If yes, the determination was made using: ☐ Lab analysis ☐ Generator knowledge	☒ Yes ☐ No
NR 668.03	2. Does the generator comply with the prohibition against dilution of wastes?	☒ Yes ☐ No
NR 668.07(1)	3. Is a one-time written notice sent to each treatment, storage or disposal facility with the initial waste shipment?	☒ Yes ☐ No
NR 668.07(1)	4. Is a new notification sent to the TSD and maintained in the generator file when the waste or receiving facility changes?	☒ Yes ☐ No ☐ N/A
NR 668.07(1)	5. Does the generator use the correct LDR notification/certification? ☐ Waste MEETS treatment standards; certification that wastes may be land disposed without further treatment. ☒ Waste EXCEEDS treatment standards; notice of appropriate treatment and applicable prohibitions.	☒ Yes ☐ No
NR 668.07(1)(h)	6. Is a copy of the LDR notifications and certifications retained for at least 3 years from the date the waste was last sent off-site?	☒ Yes ☐ No
NR 668.09(1)	7. Have underlying hazardous constituents been identified for characteristic wastes?	☒ Yes ☐ No ☐ N/A
NR 668.09(2)	8. If the waste is both a listed and characteristic waste, do the treatment standards for the listed waste code operate in lieu of the treatment standard for the characteristic waste code?	☒ Yes ☐ No ☐ N/A

NR 668.09(2)	9. If No to 8, are the treatment standards for all applicable listed and characteristic waste codes identified?	☐ Yes ☐ No ☒ N/A
NR 662.034(1)(d) NR 668.07(1)(e)	11. If waste is treated in containers or tanks, has the generator met the following? ☐ Develop a written waste analysis plan which describes the procedures used to meet applicable LDR treatment standards. ☐ Comply with certification or notification requirements in NR 668.07(1)(c).	☐ Yes ☐ No ☒ N/A
Section F: Annual Reports and Exception Reporting		
NR 662.041	1. Have annual reports covering generator activities during the previous calendar year been submitted to the Department by March 1 of the following year?	☒ Yes ☐ No
NR 662.042	2. Are procedures for exception reporting followed? ☐ Contact the transporter or TSD if signed manifest is not received in 35 days. ☐ Submit an exception report to the department within 45 days.	☐ Yes ☐ No ☒ N/A
NR 662.040(2)	3. Is a copy of each annual report and exception report kept for at least 3 years from the date of the report?	☒ Yes ☐ No
Section G: Preparedness and Prevention		
NR 662.034(1)(d) NR 665.0032	1. Does the generator have ALL of the following, unless the equipment is not necessary for the types of wastes handled? ☐ Device to summon emergency assistance (e.g., telephone, 2 way radio). ☐ Internal communications and alarm systems. ☐ Portable fire extinguishers. ☐ Fire control equipment, including special extinguishing equipment. ☐ Spill control equipment. ☐ Decontamination equipment (e.g., eyewash, shower). ☐ Water at adequate volume and pressure to supply water spray systems.	☒ Yes ☐ No
NR 662.034(1)(d) NR 665.0033	2. Is all of the above emergency equipment tested and maintained to assure its proper operation in an emergency?	☒ Yes ☐ No
NR 662.034(1)(d) NR 665.0034	3. Is there immediate access to internal or external alarms or an emergency communication device in hazardous waste handling areas?	☒ Yes ☐ No
NR 662.034(1)(d) NR 665.0037	4. Has the generator made necessary arrangements with ALL of the following emergency organizations? ☐ Primary and support roles have been defined if multiple police and fire departments could respond to an emergency. ☐ Familiarize police, fire and emergency response teams with the site layout, hazards of the waste handled, places where personnel work, entrances and roads in the site and possible evacuation routes. ☐ Agreements with emergency response contractors and equipment suppliers. ☐ Familiarize local hospitals with the properties of wastes handled and the types of injuries or illnesses that could result from an emergency.	☒ Yes ☐ No
NR 662.034(1)(d) NR 665.0035	5. Is aisle space provided throughout the facility to allow for the unobstructed movement of personnel and all emergency equipment?	☒ Yes ☐ No
Section H: Contingency Plan and Emergency Procedures		
NR 662.034(1)(d) NR 665.0051	1. Does the generator have a written contingency plan that will be implemented immediately in the event of a fire, explosion or hazardous waste discharge?	☒ Yes ☐ No
NR 662.034(1)(d) NR 665.0052(2)	2. Has the generator amended a SPCC plan or other emergency plan so it sufficiently incorporates hazardous waste management provisions?	☒ Yes ☐ No ☐ N/A
NR 662.034(1)(d) NR 665.0052(3)	3. Have copies of the contingency plan and all revisions been made available to ALL of the following? ☐ Police ☐ Fire ☐ Hospital ☐ Emergency response teams	☒ Yes ☐ No
NR 662.034(1)(d) NR 665.0054	4. Does the contingency plan need to be amended due to any of the following? ☐ Contingency plan failed in an emergency. ☐ Change in site design, construction, O&M, or other circumstances which affect emergency response. ☐ Emergency coordinators changed. ☐ Emergency equipment changed.	☐ Yes ☒ No

NR 662.034(1)(d) NR 665.0055	5. Does the plan identify an emergency coordinator who meets ALL of the following? ☐ Available or on call to coordinate emergency response measures. ☐ Familiar with all aspects of site activities and the contingency plan. ☐ Has authority to commit the resources needed to carry out the contingency plan.	☑ Yes ☐ No
NR 662.034(1)(d) NR 665.0052	6. Does the contingency plan include ALL of the following? ☑ Designation of the primary emergency coordinator, with alternates listed in the order of assuming responsibility. ☑ Name, address and phone number, office and home, for each emergency coordinator. ☑ Description of the arrangements agreed to by the police, fire, hospitals and emergency response teams to coordinate emergency services. ☑ Evacuation plan for personnel including signal(s) to be used in the event of evacuation and alternate routes. ☑ Actions facility personnel will take in response to a fire, explosion, or hazardous waste discharge. ☑ List of emergency equipment at the site, including location, description and capabilities of each item.	☑ Yes ☐ No
NR 662.034(1)(d) NR 665.0056	7. Does the plan require the emergency coordinator to do ALL of the following in the event of a fire, explosion, or discharge of hazardous wastes? ☑ Activate internal alarms or communication systems. ☑ Notify appropriate authorities, if their help is needed. ☑ Identify the character, source, amount, and extent of discharged hazardous materials. ☑ Assess hazards to human health and the environment. ☑ If the incident threatens human health or the environment outside the facility, notify local authorities that evacuation may be necessary and notify the national response center (800-424-8802) and the division of emergency government (800-943-0003). ☑ Take all reasonable measures necessary to ensure fires, explosions and discharges do not occur, reoccur, or spread. ☑ Monitor for leaks, pressure buildup, gas generation or ruptures in valves, pipes, or other equipment if the site stops operation. ☑ Provide for treating, storing, or disposing of recovered waste, contaminated soil, surface water, or other material. ☑ Ensure wastes that are incompatible with the released material are not treated, stored or disposed until cleanup is completed. ☑ Ensure that emergency equipment is clean and fit for use prior to resuming operations. ☑ Notify the department and appropriate state and local authorities before resuming operations. ☑ Submit an incident report to the department within 15 days.	☑ Yes ☐ No

Section I: Personnel Training Requirements

NR 662.034(1)(d) NR 665.0016(1)(a)	1. Does the generator have a program of classroom instruction or on-the-job training for personnel in hazardous waste management?	☑ Yes ☐ No
NR 662.034(1)(d) NR 665.0016(1)(b)	2. Is the program directed by a person trained in hazardous waste management procedures?	☑ Yes ☐ No
NR 662.034(1)(d) NR 665.0016(1)(b)	3. Does the program teach facility personnel hazardous waste management procedures relevant to the positions in which they are employed?	☑ Yes ☐ No

NR 662.034(1)(d) NR 665.0016(1)(c)	4. Does the training program ensure personnel are able to respond effectively to emergencies by familiarizing them with the following applicable items? ☐ Contingency plan implementation. ☐ Procedures for using, inspecting, repairing, and replacing emergency and monitoring equipment. ☐ Key parameters for automatic waste feed cut-off systems. ☐ Communications and alarm systems. ☐ Response to fires or explosions. ☐ Response to groundwater contamination incidents. ☐ Shutdown of operations.	☒ Yes ☐ No
NR 662.034(1)(d) NR 665.0016(2)	5. Are new employees trained within 6 months of their assignment?	☒ Yes ☐ No
NR 662.034(1)(d) NR 665.0016(2)	6. Do employees work in supervised positions until they complete the training?	☒ Yes ☐ No
NR 662.034(1)(d) NR 665.0016(3)	7. Do personnel take part in an annual review of the training?	☒ Yes ☐ No
NR 662.034(1)(d) NR 665.0016(4)	8. Does the generator keep ALL of the following training documents? ☐ Job title and the employee name for each position related to hazardous waste management. ☐ Job description for each of the above job titles. ☐ Description of the amount and type of introductory and continuing training that will be given to each employee. ☐ Records that required training has been given to each employee.	☒ Yes ☐ No
NR 662.034(1)(d) NR 665.0016(5)	9. Are training records maintained? ☐ Until closure for current personnel. ☐ At least 3 years from the date the employee last worked at the facility.	☒ Yes ☐ No
Section J: 90-Day Container Accumulation		
	1. Does the generator accumulate hazardous waste in containers? If No, go to Section K.	☒ Yes ☐ No
NR 662.034(1)(b)	2. Is the accumulation start date clearly marked and visible for inspection on each container?	☐ Yes ☒ No
NR 662.034(1)(c)	3. Are all containers clearly marked with the words "Hazardous Waste"?	☒ Yes ☐ No
NR 662.034(1)(a)1 NR 665.0171	4. If a container is leaking or in poor condition, are the contents transferred to another container in good condition?	☒ Yes ☐ No
NR 662.034(1)(a)1 NR 665.0172	5. Are containers made of or lined with materials that are compatible with the waste?	☒ Yes ☐ No
NR 662.034(1)(a)1 NR 665.0173(1)	6. Are containers kept closed, except when it is necessary to add or remove waste?	☒ Yes ☐ No
NR 662.034(1)(a)1 NR 665.0173(2)	7. Are containers opened, handled or stored to prevent leaks or ruptures?	☒ Yes ☐ No
NR 662.034(1)(a)1 NR 665.0174	8. Are container storage areas inspected weekly for leaks and deterioration?	☒ Yes ☐ No
NR 662.034(1)(a)1. NR 665.0176	9. Are containers of ignitable or reactive waste located at least 50 feet from the property line?	☒ Yes ☐ No ☐ N/A
NR 662.034(1)(a)1. NR 665.0177(3)	10. Are containers of incompatible wastes separated or protected from each other by a physical barrier (dike, berm, wall or other device)?	☐ Yes ☐ No ☒ N/A
NR 662.034(1)(a)1. NR 665.0177(1)	11. Are incompatible wastes stored in separate containers unless the mixing will not generate extreme heat, fire, explosion, toxic gases or other dangers?	☒ Yes ☐ No ☐ N/A
NR 662.034(1)(a)1 NR 665.0177(2)	12. Are containers that previously held waste properly washed before adding incompatible waste, unless the mixing will not generate extreme heat, fire, explosion, toxic gases or other dangers?	☐ Yes ☐ No ☒ N/A
ction K: Satellite Accumulation		
	1. Does the generator accumulate waste at or near the generation point? If No, go to Section L.	☒ Yes ☐ No

NR 662.034(3)(a)	2. Does the generator accumulate no more than 55 gallons of hazardous waste or 1 quart of acute hazardous waste in each satellite area?	☒ Yes	☐ No
NR 662.034(3)(a)	3. Are the satellite containers under the control of the operator of the process generating the waste?	☒ Yes	☐ No
NR 662.034(3)(a)1. NR 665.0171	4. If a container is leaking or in poor condition, are the contents transferred to another container in good condition?	☒ Yes	☐ No
NR 662.034(3)(a)1. NR 665.0172	5. Are containers made of or lined with materials that are compatible with the waste?	☒ Yes	☐ No
NR 662.034(3)(a)1. NR 665.0173(1)	6. Are containers kept closed except when it is necessary to add or remove waste?	☒ Yes	☐ No
NR 662.034(3)(a)2.	7. Are the containers marked "hazardous waste" or with other words that identify the contents?	☐ Yes	☒ No
NR 662.034(3)(b)	8. Is the container holding the excess waste marked with the date the excess amount begins accumulating?	☐ Yes	☐ No N/A
NR 662.034(3)(b)	9. Does the generator comply with the 90 day accumulation requirements with respect to the excess amount within 3 days of it being generated?	☐ Yes	☐ No N/A
Section L: Waste Minimization			
NR 662.041(3)(e) NR 662.041(3)(f)	1. Does the generator include waste minimization information in the annual report?	☐ Yes	☐ No
NR 662.020(1)(a)	2. Does the generator have a program in place to reduce the volume or quantity and toxicity of waste to an economically practicable degree?	☒ Yes	☐ No
	3. Does the generator have a written waste minimization/pollution prevention plan, as recommended by EPA guidance?	☐ Yes	☒ No
	4. Is evidence gathered during the inspection to justify the generator's waste minimization certification on the manifest?	☐ Yes	☒ No
Section M: Treatment with Absorbent Materials			
	1. Does the generator combine absorbent material with waste for the purpose of eliminating free liquids? If No, go to Section N.	☐ Yes	☒ No
NR 665.0001(3)(m) NR 665.0001(3)(m) NR 665.0017(2) NR 665.0171 NR 665.0172	2. Are ALL of the following requirements met? ☐ Materials are combined when the hazardous waste is first placed in the container. ☐ Mixing of incompatible wastes is done in a way to prevent the generation of extreme heat, fire, explosion, toxic gases or other dangers. ☐ The contents of a container that is leaking or in poor condition are transferred to a container in good condition. ☐ The containers are made of or lined with materials that are compatible with the waste.	☐ Yes	☐ No
Section N: F006 Wastewater Treatment Sludge			
NR 662.034(7)	1. Does the generator store F006 waste on-site for more than 90 days? If no, go to Section O.	☐ Yes	☒ No

NR 662.034(7)	2. Does the generator meet the following requirements? ☐ The F006 waste is not accumulated for more than 180 days unless the waste is shipped more than 200 miles. ☐ Pollution prevention practices are in place to reduce the amount of contaminants entering the F006 waste. ☐ The F006 waste is legitimately recycled through metals recovery. ☐ No more than 20,000 kg (44,100 lbs) of F006 waste is accumulated on-site. ☐ Accumulation containers meet subch. I, AA, BB and CC standards in ch. NR 665. ☐ The accumulation start date is clearly marked and visible for inspection on each container. ☐ Accumulation tanks meet subch. J, AA, BB and CC standards in ch. NR 665, except for NR 665.0197(3) and NR 665.0200. ☐ Each container and tank of F006 waste is clearly marked with the words "Hazardous Waste". ☐ A containment building used for accumulation meets subch. DD standards in ch. NR 665; a P.E. certification stating compliance with the design standards is in the operating record; and, written procedures and documentation for emptying the unit within 180 days are on file. ☐ The accumulation of F006 waste is included in the preparedness and prevention procedures, contingency plan and personnel training program.	☐ Yes ☐ No
NR 662.034(8)	3. If the waste is accumulated for up to 270 days, must the generator ship the waste over 200 miles for metals recovery?	☐ Yes ☐ No

Section O: Generator Status Evaluation

	1. Is the Large Quantity Generator status confirmed by this inspection? ☑ Generates more than the following quantities in any month:	
NR 662.190(1)	✓ 2,205 lbs. (1,000 kg) of non-acute hazardous waste.	
NR 662.220(4)	____ 2.2 lbs. (1 kg) of acute hazardous waste.	
NR 662.220(4)	____ 220 lbs. of residue from cleanup of an acute hazardous waste spill	☑ Yes ☐ No
	☐ Accumulates more than the following quantities of hazardous waste:	
NR 662.220(5)(b)	___ 2.2 lbs. (1 kg) of acute hazardous waste.	
NR 662.220(5)(b)	___ 220 lbs. of residue from cleanup of an acute hazardous waste spill	
NR 662.034(1)	☐ Accumulates waste for less than 90 days (except as allowed in Section N)	
	2. If No, what is the correct generator classification? ☐ Non-Generator ☐ Very Small Quantity Generator ☐ Small Quantity Generator	
	3. Is the generator conducting any other hazardous waste activities at the facility?	☐ Yes ☑ No
	4. If YES, check all that apply. Describe the activities in the comments section and complete additional inspection forms. ☐ Accumulation in Tanks ☐ Recycling ☐ Transfer ☐ Transporter ☐ Treatment ☐ Storage ☐ Disposal	
NR 662.034(1)(a)2.	5. If waste was previously accumulated in a tank system, has the generator performed closure on the tank system?	☐ Yes ☐ No ☑ N/A
NR 665.0197(1)	☐ Waste residues, contaminated containment system components, soils, structures and equipment have been removed or decontaminated.	
NR 665.0197(2)	☐ All contaminated soils cannot be practicably removed or decontaminated, and the generator has initiated long-term care.	

Inspection Comments. Add comments on additional pages if necessary.

~~DNR~~ Inspector Signature: EPA	Date: 1-24-08

Cambridge Major LABS WID 981 189 616 01-24-08

Inspection Checklist for Subpart CC: Air Emission Standards (Containers)

Item # 40 CFR:

CC-1	265. 1080	Do any of the following exclusions apply? If yes, please circle.	YES	NO

Applicability: The air emission requirements apply to units subject to subpart I * unless the following apply (circle if applicable):

1. Waste was placed in unit prior to Oct. 6, 1996, and none has been added since.
2. The container capacity is less than .1 cubic meter (26 gallons)
3. A unit (e.g. tank) has stopped adding waste and is undergoing closure
4. The unit is used solely for onsite treatment or storage as a result of remedial activities required under corrective action, Superfund, or other similar state program
5. The unit is used solely to manage radioactive mixed waste
6. The unit is regulated by and operates in accordance with Clean Air Act regulations

***Note: 1. Satellite containers are exempt 2. CESQG's and SQG's are exempt**

CC-2	265.1083	Do any of the following exemptions apply? If yes, please circle	YES	NO

General Standards: The owner/operator must control air emissions from waste management units except the unit is exempt if (please circle if applicable):

1. All hazardous waste entering the unit has an average VO concentration at the point of origination less than 500 parts per million by weight (waste determination required)
2. The organic content of all waste entering the unit has been reduced by one of the 8 acceptable destruction or removal processes.
3. The unit is a tank used for certain biological treatment
4. The hazardous waste placed in the unit meets the LDR numerical concentration limits or has been treated using the specified LDR treatment technology (for organics)
5. The unit is a tank used for bulk feed to an incinerator and meets certain requirements

CC-3	265.1084	Waste Determination:	Determination Not Needed	Determination Needed

Was the VO concentration properly determined for each waste which the facility manages in a unit which does not meet Subpart CC requirements? The concentration must be determined by either direct measurement or knowledge. Please see 265.1084 for specific requirements for measurement and knowledge. Determination is not needed for waste managed in containers which meet standards. It may be necessary to evaluate container management prior to requiring VO concentration determination.

#	NA=Not Applicable, NI=Not Inspected, OK= In Compliance, DF= Deficiency	NA	NI	OK	DF

CONTAINER MANAGEMENT 265.1087

Level 1	Level 2	Level 3
Larger than 26.4 gallons and less than or equal to 122 gallons, or larger than 122 gallons and do not manage H.W. in light material service	Larger than 122 gallons and manage H.W. "in light material service" (definition at 265.1081)	Larger than 26.4 gallons and treat H.W. by a stabilization process
CC-4 265.1087 Controls		OK
One of the following: -Use containers that meet DOT requirements -Use a cover and control with no visible gaps, holes or other open spaces into the interior of the container -Use organic vapor suppression on or above the container 265.1087(c)	One of the following: -Use containers that meet DOT requirements -Use containers that operate with no detectable emissions (method 21) -Use containers that are demonstrated to be vapor-tight within the last 12 months (method 27) 265.1087(d)	-Containers used to stabilize H.W. with volatile organics greater than 500 ppm -For waste stabilized in a container either: 1.container must be vented directly to a control device; or 2.container is vented inside an enclosure which is exhausted through a closed vent to a control device -Conservation vents are not allowed 265.1087(b)(2)

Level 1		Level 2	Level 3		
#	NA=Not Applicable, NI=Not Inspected, OK= In Compliance, DF= Deficiency		NA	NI	OK
CC -5	265.1087	Waste transfer requirements			OK
No waste transfer requirements apply		-Waste transfer requirements apply regardless of container alternative used in level 2 -Transfer waste into or out of a container in such a manner as to minimize exposure of the waste to the atmosphere. Acceptable methods include a submerged fill pipe, vapor recovery system, or fitted opening with a line purge 265.1087(b)(3)	Not applicable		
CC-6	265.1087	Operating requirements			OK
The covers, openings, and closure devices should be closed except: 1. When transferring H.W. in and out of the containers 2. between batch transfer not exceeding 15 minutes between transfer (note: if the person performing the transfer leaves the area, or the process shuts down, the container must be closed) 3. While performing sampling and equipment access 4. Conservation and safety vents are allowed -Containers may be open while performing sampling or equipment access -Safety valves and conservation vents may be used if normally left in close position -A cover need not to be on a RCRA empty container, as defined in 40 CFR 261.7 265.1087(c)(3), (d)(3)			-If the vapors are directly vented to a control device, there are specific design and operating criteria that must be met same as tanks that have closed vent and control device systems -If an enclosure is used, the enclosure must meet the design and operating criteria specified in "Procedure T-Criteria for and Verification of a Permanent or Temporary Total Enclosure" under 40 CFR 52.741 The container, enclosure, control device or closed vent system may have safety relief devices.		
CC-7	265.1089	Inspection requirements			OK
Minimal inspection required: - when facility accepts container and it is not emptied within 24 hours -if wastes are stored greater than a year, then visually inspect once a year If inspections are required, facility must develop written plan and schedule to perform inspection 265.1087(c)(4), (d)(4)			Inspection requirements are the same as for tanks		
CC- 8	265.1087	Repair requirements			OK
When a defect is detected; attempt to repair within 24 hours must be made and: 1. Repair within 5 calendar days or empty and remove the container from service 2. Do not use until defect is repaired 265.1087(c)(4), (d)(4)			Necessary corrective measures shall be immediately implemented to ensure that the control device is operated in compliance		
CC- 9	265.1090	Recordkeeping requirements			OK
-If container exceeds 122 gallons and does not meet DOT standards, records indicating that the container is not managing H.W. in light material service		Since Level 2 waste is "in light material service", no records need to be kept	Depends upon how the organic emissions are vented: -If an enclosure is used, records must be maintained for the most recent set of calculations and measurements performed to verify that the enclosure meets the criteria of a permanent total enclosure (Procedure T) -Records for the closed vent and control device system are the same for those used on tanks(265.1090)(e)		

Comments:

Inspection Checklist for Subpart CC: Air Emission Standards (Tanks)

Applicability: The air emission requirements apply to units subject to Subpart J * unless any of the following apply:

N/A

Item # 40 CFR: *Note: CESQG's and SQG's are exempt

CC-T1	265. 1	Do any of the following general exclusions apply? If yes, please circle.	YES	NO

1. Wastewater treatment units -265.1(c)(10)
2. Emergency spill management units. -265.1(c)(11)
3. Hazardous waste recycling units. -265.1(c)(6)
4. Elementary neutralization units -265.1(c)(10)
5. Totally enclosed treatment units. -265.1(c)(9)
6. Satellite accumulation areas. -265.1(c)(7) - 262.34(c)(1)

CC-T2	265.1080	Do any of the following exceptions apply? If yes, please circle.	YES	NO

1. Waste was placed in the unit prior to Oct. 6, 1996 and none has been added since. -265.1080(b)(1)
2. The unit has stopped adding waste and is undergoing closure pursuant to an approved closure plan. -265.1080(b)(3)
3. The unit is used solely for onsite treatment or storage as a result of remedial activities required under corrective action, Superfund, or other similar state program. -265.1080(b)(5)
4. The unit is used solely to manage radioactive mixed waste. -265.1080(b)(6)
5. The unit operates with an emission control device regulated by and in accordance with Clean Air Act regulations. -(b)(7)
6. The unit operates with a process vent as defined in 264.1031, regulated under Subpart AA. -265.1080(b)(8)

CC-T3	265.1080(d)	Administrative Stay for Organic Peroxide Waste:	YES	NO

If the unit recieves hazardous waste generated by organic peroxide manufacture, and the owner/operator has met the conditions as set forth in 265.1080(d), the requirements under Subpart CC are administratively stayed, *except for the record keeping requirements* which additionally include the notification requirement as given in 265.1080(d)(3).

CC-T4	265.1083	Do any of the following exemptions apply? If yes, please circle.	YES	NO

General Standards: The owner/operator must control air emissions from waste management units except the unit is exempt if:

1. All hazardous waste entering the unit has an average VO concentration at the point of origination less than 500 parts per million by weight (waste determination required by 265.1084; see **CC-T5**). -265.1083(c)(1)
2. The organic content of all waste entering the unit has been reduced by one of the 8 acceptable processes. -265.1083(c)(2)
3. The unit is a tank used for certain biological treatment consistent with 265.1087(c)(2)(iv). -265.1083(c)(3)
4. The hazardous waste placed in the unit meets the LDR numerical concentration limits given in 268.40 or has been treated using the LDR treatment technology specific for the waste (specified in 268.42). -265.1083(c)(4)
5. The unit is a tank within an enclosure used for bulk feed to an incinerator and meets certain requirements. -265.1083(c)(5)

CC-T5	265.1084	Waste Determination	Determination Not Needed	Determination Needed

Was the VO concentration properly determined for each waste which the facility manages in a unit which does not meet Subpart CC requirements? The concentration must be determined by either direct measurement or knowledge. Please see 265.1084 for specific requirements for measurement and knowledge. Determination is **not** needed for waste managed in tanks which meet Subpart CC standards. It may be necessary to evaluate tank management prior to requiring VO concentration determination.

TANK MANAGEMENT

Level 1 tank controls apply only to a fixed-roof tank in which the maximum vapor pressure of organic waste is less than that listed below for each tank design capacity, contents are not heated above the temperature of vapor pressure determination, and no w stabilization is conducted in the tank. -265.1085(b)(1)
Tanks that exceed Level 1 criteria must use Level 2 controls; tanks that do not exceed Level 1 criteria may use Level 2 controls. The five design options for Level 2 controls are given below; vented fixed-roof tanks are the most common. -265.1085(b)(2)

Tank Design Capacity	Level 1 pressure limits	Level 1	Level 2
≥151m³ / 40,000 gal	< 5.2 kPa / 0.75 psi	Fixed-roof tanks -265.1085(c)(1) through (c)(4) -265.1085(d)	Fixed-roof tanks vented to control device -265.1085(g) External floating roof tanks - 265.1085(f) Fixed-roof with internal floating roof - 265.1085(e) Enclosure vented to combustion device - 265.1085(i) Pressure tank - 265.1085(h)
< 151 m³ and ≥ 75 m³	< 27.6 kPa / 4.0 psi		
< 75 m³ / 20,000 gal	< 76.6 kPa / 11.1 psi		

265.1085(c) Level 1 Controls for Fixed-Roof Tanks

NA=Not Applicable NI=Not Inspected OK= In Compliance DF= Deficiency

CC-T6	265.1085(c)(1)	Vapor Pressure Determination	NA	NI	OK	DF

Has the owner/operator determined the maximum organic vapor pressure of the waste in the tank: -265.1085(c)(1) by direct measurement or by knowledge? -265.1084(c)(3,4)	YES	NO
Is the determination acceptable?	YES	NO
Does waste in tank exceed vapor pressure threshold for tank size? (If yes must use Level 2 Controls)	YES	NO

CC-T7	265.1085(c)(2)	Tank Design Specifications	NA	NI	OK	DF

The fixed roof and its closure devices shall be designed to form a continuous barrier over the entire surface area of the hazardous waste in the tank; shall be installed such that ther are no visible cracks, holes, gaps or other open spaces between roof and tank wall / closure device and roof.
Inspect the fixed roof and closure devices of each tank or a representative percentage of multiple tanks; list and photograph defects at each.

Tank #	Defect(s)	Photo #	Notes

Is each opening in the fixed roof (sampling port, conservation vent, level indicator, safety valve, etc.): 265.1085(c)(2)(i)(A) equipped with a closure device such that when closed there are no visible cracks, holes, gaps or other open spaces? or;	YES	NO
265.1085(c)(2)(i)(B) connected via a closed vent system to a control device? (If YES see Level 2 Controls checklist below)	YES	NO

CC -T8	265.1085(j)	Waste transfer requirements	NA	NI	OK	DF

Transfer of hazardous waste to the tank from another tank subject to 265.1085 or suface impoundment subject to 265.1086 shall be conducted using continuous hard piping or other closed system,to prevent exposure of waste to atmosphere; except under conditions given in 265.1085(j)(2).

CC-T9	265.1085(c)(3)	Operating requirements	NA	NI	OK	DF

Cover and closure devices shall be closed at all times except when performing routine inspections, sampling, maintenance and cleaning.
Opening of a pressure/vacuum relief valve, conservation vent or similar device is allowed during normal operations to maintain tank pressure within design specificatons. Opening of a safety device is allowed at any time.

Are pressure/vacuum relief valves and conservation vents designed to operate with NDE when secured in closed position?	YES	NO
Are the opening settings of these devices consistent with the manufacturer's recommended operating ranges?	YES	NO
What are the pressure settings of these devices and how do they compare with Level 1 vapor pressure limits?	OK	DF

CC-T10	265.1085(c)(4)	Inspection requirements	NA	NI	OK	DF

The fixed roof and closure devices shall be visually inspected for defects initially, on or before December 12, 1996, or when first in service and thereafter at least annually,according to written plan; except when unsafe, and delay conditions are met. Buried parts of tank need not be inspected
TSDs: The inspection plans must be incorporated into the overall facility inspection plan as per 265.15.

CC-T11	265.1085(k)	Repair requirements	NA	NI	OK	DF

Owner/operator shall make first efforts at repair of each defect detected during an inspection no later than 5 calendar days after detection; repairs shall be completed as soon as possible but no later than 45 calendar days after detection, except as provided in 265.1085(k)(2).

CC- T12	265.1090(b)	Recordkeeping requirements	NA	NI	OK	DF

For each unit in service records must be maintained on-site including: unique unit ID number, dimensions and capacity, organic vapor pressure of waste (if tested, records include time and date of samples, analytical method, and results), and inspection and repair records for three years.
Please list in detail below deficiencies noted regarding items CC-T6 through CC-T12:

CC- T13	265.1085(c)(2)	Level 2 Controls for Fixed-Roof Tanks Vented to Control Device	NA=Not Applicable OK= In Compliance	NI=Not Inspected DF= Deficiency

All requirements of CC-T7 and: Each roof opening not equipped with a closure device shall be connected to a closed system that is vented to a control device which removes or destroys organics in the vent stream, and which shall be operating whenever hazardous waste is in the tank.

CC- T14	265.1085(j)	Waste transfer requirements	NA	NI	OK	DF

All requirements of CC-T8.

CC- T15	265.1085(g)	Operating requirements	NA	NI	OK	DF

All requirements of CC-T9 and: Closed vent system and control device shall be installed and operated in accordance with 265.1088.

CC- T16	265.1085(g)(3)	Inspection requirements	NA	NI	OK	DF

All requirements of CC-T10 and: perform initial leak detection testing of closed vent system on or before date tank is subject to the rule, as per 265.1088(b)(4); annually inspect closed vent system components per 265.1033(k) and 265.1034(b); negative pressure systems per 265.1033(j)(2).

CC- T17	265.1085(k)	Repair requirements	NA	NI	OK	DF

All requirements of CC-T11.

CC- T18	265.1090(e)	Recordkeeping requirements	NA	NI	OK	DF

All requirements of CC-T12 and: maintain records of unexpected malfunctions and semiannual updates of planned maintenance operations for 3 years; also: If control device is <u>not</u> a carbon absorber, condenser, flare, process heater, boiler or thermal vapor incinerator, maintain records of proper operation and use (e.g., manufacturer's documentation). Please list in detail below deficiencies regarding items CC-T13 through CC-T18:
